



Maintenance Library

**Tools and Test Equipment
Volume 2
Parts Catalog**

PREFACE

This Parts Catalog (PC) contains listings and illustrations of all replaceable assemblies, subassemblies and detail parts released to Production Control on or before September 1, 1972, for the Tools and Test Equipment, Volume 2.

This Tools and Test Equipment, Volume 2, Parts Catalog revision, Form S123-0438-3, obsoletes the previous level edition, Form S123-0438-2 and TNL SS26-3038.

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29	635491	Add Machine Drive Unit
30	2156809	C. E. Offline Test Set 1710
31	2108788	C. E. Remote Box Assembly
32	727007	C. E. Box Assembly 1620
33	822781	1050 C. E. Diagnostic Box Assembly
34	2100937	305 Sync Panel Remote Control Box Assembly
35	453670	Manual Interface Tester (MIT)
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TOOLS AND TEST

HOW TO USE THIS ILLUSTRATED PARTS CATALOG (IPC)

PART I

To find parts quickly, a general understanding of the structure of this catalog is necessary. The catalog is divided into three major sections:

- The Visual Index, containing overall views of the machine, with call-outs pointing to detailed figures.
- The Catalog Section, containing a pictorial breakdown of assemblies and subassemblies.
- The Numerical Index, which is a numerical list of all parts used in the machine, with cross-references to the figure on which the part is found.

VISUAL INDEX

The Visual Index, located before the Catalog Section, contains a reduced illustration of every figure in the Catalog Section. The reduced illustrations are tied together with flow arrows to form a natural progression from large assemblies to small assemblies and possibly subassemblies. In effect, a visual table of contents is formed by the Visual Index illustrations.

CATALOG SECTION

The Catalog Section contains the full-sized illustrations previously noted in the Visual Index. Index numbers on figures refer to corresponding entries in the Group Assembly Parts List accompanying each figure. Refer to part II for explanation of terms used in the Group Assembly Parts List.

NUMERICAL INDEX

The Numerical Index is located after the Catalog Section and contains a complete list, in numerical order, of all part numbers used on the machine. Listed with the part number is the index and figure number on which the part is illustrated. The numerical index makes it possible to locate a part when only the part number is known.

STACKED INDEX NUMBERS

Stacked Index numbers are used when showing a part and its attaching hardware. The sequence of a typical stack is shown at the right. The circled index number indicates the assembly is broken down within the figure.

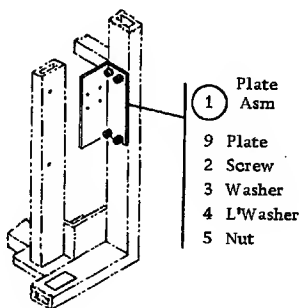


ILLUSTRATION NOTES

Cross-reference notes are directly on the illustration. The illustration's next higher assembly reference, normally located in the upper left corner of the page will read: "For Parts Not Shown See Figure X". If an assembly is referenced to a lower level figure, the note located next to the index number will read: "See Figure X."

DOUBLE LINED DETAIL BOX

The double lined box differentiates between parts shown on the basic model and parts related to a level and/or feature difference. An explanation of the level or feature difference is given in the double lined box.

FINDING A PART

The Visual Index is the starting point for locating a part. The illustrations in the Visual Index are reduced versions of all illustrations in the Catalog Section; therefore, the illustrations can be used to find the assembly containing the desired part. Use references to the detailed figure in the Catalog Section, or to another Visual Index illustration, to determine location of part number.

Once the detailed figure in the catalog section is determined, finding the part on the figure and referring to the listing for the part number and description is all that is required in most cases. If the first catalog section figure referenced shows the assembly containing the required part, the index number for the assembly will reference a lower-level figure where the assembly is broken down to its component parts. If the figure referenced by the Visual Index contains neither the part nor an assembly containing the part, it is then necessary to go to the next higher assembly figure. This figure should then contain the part or an assembly containing the part; if not, an even higher level figure must be used. Refer back to the Visual Index for some other figure that could show the desired part.

Note: Many detailed parts are unavailable, because they are part of an inseparable assembly (two or more parts welded or bonded together), or because they are part of an assembly purchased as a unit. If parts are found on a welded or bonded assembly, the following note follows the description of the assembly: "Assembly components are not replaceable." If the part is found on a purchased assembly, and the detail parts of this assembly do not have IBM part numbers, the note following the assembly description will read: "Assembly components are not available." In either case, you need to obtain the part number of the assembly, rather than the detailed part.

EXAMPLE FOR ORDERING PARTS

			REF
4 -	5726422	FAN ASM-P/S ENCLOSURE FOR NEXT HIGHER ASSEMBLY SEE FIGURE 1-184 FOR ILLUSTRATION SEE FIGURE 4	
- 1	334921	TERMINAL, RING- 18-22 AWG, #6 HOLE, INS	2
- 2	187854	SHIELD, TERMINAL BLOCK- 2 POS	1
- 3	210984	SCREW, RD HD MACH-6-32 X .250 LG	1
- 4	5357050	FAN ASM-NO CONNECTOR	1
- 5	32042	SCREW, MACH BIND. HD 10-32 X .375 LG	2
- 6	5357066	BLADE	1
- 7	5357067	MOTOR 208V/230V 60CY 220V 50CY	1
- 8	130434	SCREW, MACH-SLOTTED HEX HD 10-32 X .375 LG	2
- 9	56079	WASHER, LOCK-EXT T .195 ID .410 OD	2
- 10	5726436	HEADER-POWER SUPPLY FAN	1

If the entire fan is required, part number 5726422 should be ordered (all one dot items will be received). If only the subassembly is required, part number 5357050 should be ordered (all two dot items will be received). Each part may be ordered individually.

TOOLS AND TEST

HOW TO USE THIS ILLUSTRATED PARTS CATALOG (IPC)

PART II

- 1) **AR**
As Required (AR) in the units per assembly column denotes that the quantity is used as required.
- 2) **ATT PT**
Attaching Parts: These parts are used to attach a subassembly to an assembly. The attaching parts are listed immediately following the part to be attached.
- 3) **COMM**
Commercial hardware: When this indication appears in the part number column, it denotes hardware procurable from normal commercial sources and not identified by an IBM part number.
- 4) **INDENTURE**
The relationship of a part to its next higher assembly is indicated by indentures. For example:
 1 2 3 4
 Unit
 . Assemblies and Detail Parts of Unit
 . Attaching Parts for Assemblies & Detail Parts
 . . Subassemblies
 . . Attaching Parts for Subassemblies
 . . . Detail Parts for Subassemblies, etc.
- 5) **LOZENGE**
The lozenge in the part number column denotes the part is procurable but not recommended for field replacement, and that the next higher assembly should be ordered.
- 6) **NP**
The entry NP in the part number column denotes the assembly is non-procurable and the detail parts should be ordered separately.
- 7) **NO NO.**
When this indication appears in the part number column, it denotes a group of parts for which no assembly part number has been assigned, and the detail parts should be ordered separately.
- 8) **REF**
This entry in the units per assembly column denotes an assembly which is completely assembled on a preceding illustration. Quantities for such items are found in its next higher assembly.
- 9) **SIMILAR ASSEMBLIES**
If two assemblies contain a majority of identical parts, they are broken down on the same list. Common parts are shown by one index number. Parts peculiar to one or the other of the assemblies are listed separately and identified by Usable On Code.
- 10) **USABLE ON CODE**
Part application and interchangeability is indicated by the usable on code. If this column is blank, the parts pertain to all equipment(s) covered. Two types of codes are used. The alphabetic code denotes similar assemblies and/or features; the numeric code denotes level. Refer to the beginning of each list for the explanation of the code(s).
- 11) **SUFFIX CODE**
The suffix code indicates the month (alphabetic) and the year (numeric) of the engineering change which affected interchangeability of the part.

EXAMPLE OF PARTS LIST

LIST AND INDEX NO.	PART ND.	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		DRIVE MOTOR ASSEMBLY		
2-	(9)	(10) CODE A USED ON 60 CYCLE ONLY CODE B USED ON 50 CYCLE ONLY CODE 1 USED ON ASM PRIOR TO B6 SUFFIX	(8)	(10)
-	2199376 NP (6)	MOTOR ASM,DRIVE-115/220 VOLTS 60 CYCLE	REF	1A
-	2199386 NP	MOTOR ASM,DRIVE-220 VOLTS 50 CYCLE	REF	1B
		FOR NEXT HIGHER ASM SEE FIGURE 1-92 FOR ILLUSTRATION SEE FIGURE 2		
- 1	2204176 (4)	. PULLEY, 60 CYCLE	1	A
- 1	2199255	. PULLEY, 50 CYCLE	1	B
- 2	79842	. SETSCREW, SPLINE DR CUP PT 8-32 X 3/8 LG	AR	
- 3	2204116 (7)	. MOTOR ASM, 220V AC 60 CYCLE	1	A
- 4	NO NO. (7)	. MOTOR ASM, 220V AC 50 CYCLE	1	B
- 5	5526	. SCREW, MACH BIND HD 8-32 X 0.625 LG	4	
- 6	2204082 (3)	. FERRULE, OUTER	1	
- 7	2204033	. FERRULE, INNER	1	
- 8	COMM	. MOTOR, 1/12 HP-220V 60CP5	1	
- 8	2199258	. MOTOR, DRIVE - 220V 50CP5	1	
- 9	2199401 (5)	. PLATE, MOTOR MT-115/220 VOLTS 60 CYCLE	1	A
- 9	2199402 (5)	. PLATE, MOTOR MT-220 VOLTS 50 CYCLE	1	B

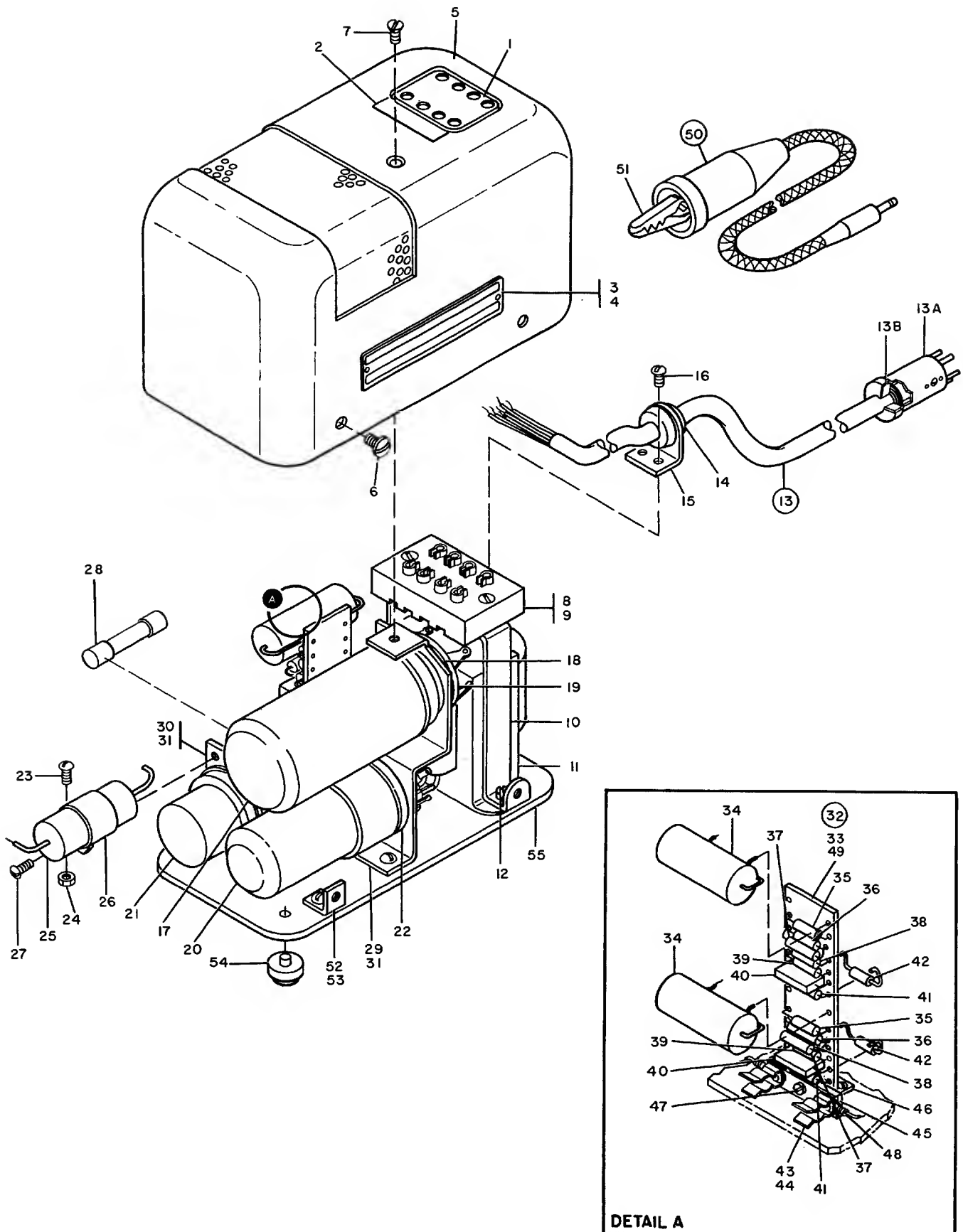


FIGURE 1. DYNAMIC TIMER POWER PAC ASSEMBLY. SEE LIST 1.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USA8LE ON CODE
		1 2 3 4		
		DYNAMIC TIMER POWER PAC ASSEMBLY		
1 -	454105	DYNAMIC TIMER POWER PAC ASSEMBLY SEE FIGURE 1 FOR ILLUSTRATION	1	
- 1	451057	. COVER, SAFETY	1	
- 2	221665	. DECAL, PLUG BUB IDENTIFICATION	1	
- 3	186988	. PLATE, VOLTAGE	1	
- 4	105792	. SCREW, SELF-TAPPING ATT PT	2	
- 5	18645C	. CASE	1	
- 6	186636	. SCREW, MACH, BH, 5-40 X 1/8 LG ATT PT	6	
- 7	1668	. SCREW, MACH, FL CSK H, 5-40 X 3/16 LG ATT PT	1	
- 8	237322	. BLOCK, TIMER TERMINAL	1	
- 9	2118	. SCREW, MACH, FL CSK H, 5-40 X 1/2 LG ATT PT	1	
- 10	186442	. BRACKET, MOUNTING, TERMINAL BLOCK	2	
- 11	206589	. TRANSFORMER, 40 VOLT	1	
- 12	92	. SCREW, MACH, RH, 5-40 X 1/4 LG ATT PT	2	
- 13	186478	. CABLE ASSEMBLY, CONNECTOR	1	
- 13A	186460	. . CONNECTOR, CABLE, 6 MALE PRONGS	1	
- 13E	186461	. . BUSHING, CABLE PROTECTIVE	1	
- 14	156722	. GROMMET	1	
- 15	186448	. BRACKET, CABLE MOUNTING	1	
- 16	1413	. SCREW, MACH, RD, 8-32 X 1/4 LG ATT PT	2	
- 17	206916	. VIBRATOR, F16035	1	
- 18	25757C	. CLIP	1	
- 19	206915	. SOCKET	1	
- 20	206913	. TUBE, 6SL7GT, DHC-TRIODE	1	
- 21	206914	. TUBE, 6H6, DUO HALF WAVE RECTIFIER	1	
- 22	170589	. SOCKET, ELECTRON TUBE-OCTAL	2	
- 23	18491	. SCREW, MACH, RH, 5-40 X 3/16 LG	1	
- 24	7341	. NUT, PLAIN, HEX, 5-40 X 1/4 PL W	1	
- 25	206593	. CAPACITOR, PAPER, 0.47MFD P/M 20% 200VDC	1	
- 26	186446	. BRACKET, CAPACITOR	1	
- 27	103895	. SCREW, MACH, RD HD, 5-40 X 1/8 LG ATT PT	1	
- 28	6325	. FUSE, 1 AMP	1	
- 29	186449	. BRACKET, MOUNTING, AMP AND VIBRATOR	1	
- 30	186444	. BRACKET, RECTIFIER MOUNTING	1	
- 31	38363	. SCREW, MACH, FIL H, 8-32 X 5/32 LG ATT PT	6	
- 32	186530 NP	. PANEL ASSEMBLY, CONDENSER, RESISTOR		
- 33	38271	. SCREW, MACH, FIL H, 5-40 X 3/16 LG ATT PT	2	
- 34	206592	. . CAPACITOR, ALUM, ELEC, 4MFD 450VDC	2	
- 35	300734	. . RESISTOR, FXD CCMP, 510K, P/M 5% 1/2W	2	
- 36	317011	. . RESISTOR, FXD COMP, 470 OHMS, P/M 5% 1/2W	2	
- 37	317272	. . RESISTOR, FXD GEN, 47K, P/M 5% 2W	2	
- 38	213714	. . RESISTOR, FXD CCMP, 1.8K, P/M 5% 1/2W	2	
- 39	317025	. . RESISTOR, FXD COMP, 6.8K, P/M 5% 1/2W	2	
- 40	206595	. . CAPACITOR, MCLDED, 500PF P/M 5% 500VDC	2	
- 41	317037	. . RESISTOR, FXD GP, 220K, P/M 5% 1/2W	2	
- 42	213539	. . RESISTOR, FXD COMP, 150K, P/M 5% 1/2W	2	
- 43	186455	. . CLIP, FUSE	2	
- 44	118418	. . SCREW, MACH, RH, 5-40 X 5/32 LG ATT PT	2	
- 45	186454	. . BLOCK, MOUNTING, FUSE	1	
- 46	186453	. . BRACKET, PANEL	1	
- 47	194	. . SCREW, MACH, FLAT HD, 5-40 X 1/4 LG ATT PT	1	
- 48	187455	. . TERMINAL, LUG, NINS, 20AWG NO.8 MTG HOLE	2	
- 49	186452	. . STRIP, MOUNTING, RESISTOR AND CONDENSER	1	
- 50	206046	. CORD ASSEMBLY, RED	2	
- 50	206047	. CORD ASSEMBLY, BLACK	2	
- 51	450842	. . CLIP, ALIGATOR	4	
- 52	186447	. BRACKET, MOUNTING CASE	2	
- 53	38363	. SCREW, MACH-FIL H 8/32 X 5/32 LG ATT PT	2	
- 54	91514	. BUMPER	4	
- 55	186451	. BASE	1	

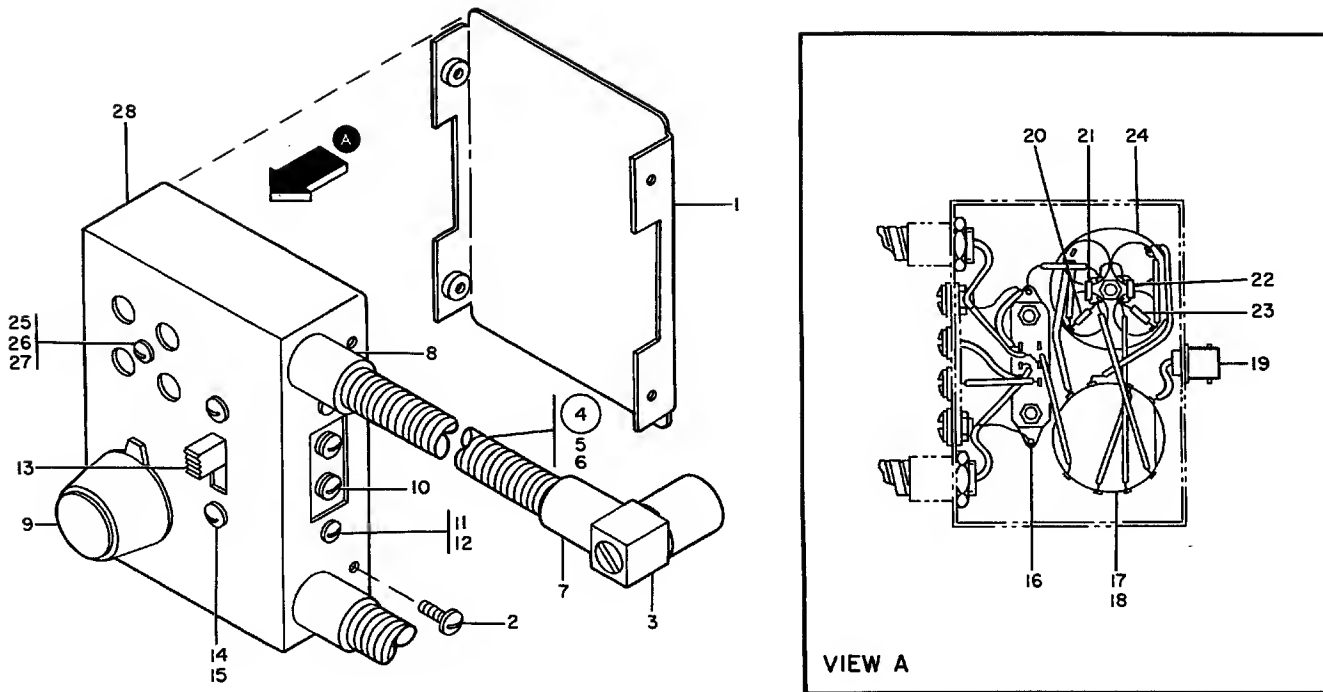


FIGURE 2. ADAPTER TOOL PROBE ASSEMBLY. SEE LIST 2.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		ADAPTER TOOL PROBE ASSEMBLY		
2 -	453046	PROBE ASSEMBLY, ADAPTER TOOL SEE FIGURE 2 FOR ILLUSTRATION	1	
- 1	846533	. COVER	1	
- 2	251970	. SCREW, MACH, BS H, 4-40 X 0.250 LG	4	ATT PT
- 3	846534	. CONNECTOR	2	
- 4	846546	. TUBE ASSEMBLY, FLEXIBLE ARM	2	
- 5	824486	. NUT	2	ATT PT
- 6	846555	. WASHER	4	ATT PT
- 7	846549	. FERRULE	1	
- 8	846554	. FERRULE	1	
- 9	846528	. KNOB	1	
- 10	846532	. POST	1	
- 11	251970	. SCREW, MACH, BS H, 4-40 X 0.250 LG	2	ATT PT
- 12	37913	. NUT, HEX, 4-40	2	ATT PT
- 13	846531	. SWITCH, SLIDE	1	
- 14	251970	. SCREW, MACH, BS H, 4-40 X 0.250 LG	2	ATT PT
- 15	37913	. NUT, HEX, 4-40	2	ATT PT
- 16	214928	. LUG	2	
- 17	846525	. SWITCH, ROTARY	1	
- 18	824486	. NUT	2	ATT PT
- 19	317287	. JACK	1	
- 20	216741	. RESISTOR	1	
- 21	216499	. RESISTOR	1	
- 22	216746	. RESISTOR, FXD COMP, 1.0 MEG, 5% 1/4W	1	
- 23	216735	. RESISTOR, FXD, 510K, P/M 5% 1/4W	1	
- 24	846527	. TRIMMER, CERAMIC	1	
- 25	438550	. SCREW, MACH, BH, 4-40 X 1/2 LG	1	ATT PT
- 26	37913	. NUT, HEX, 4-40	1	ATT PT
- 27	846529	. SPACER	1	
- 28	846530	. BOX, PROBE ADAPTER	1	

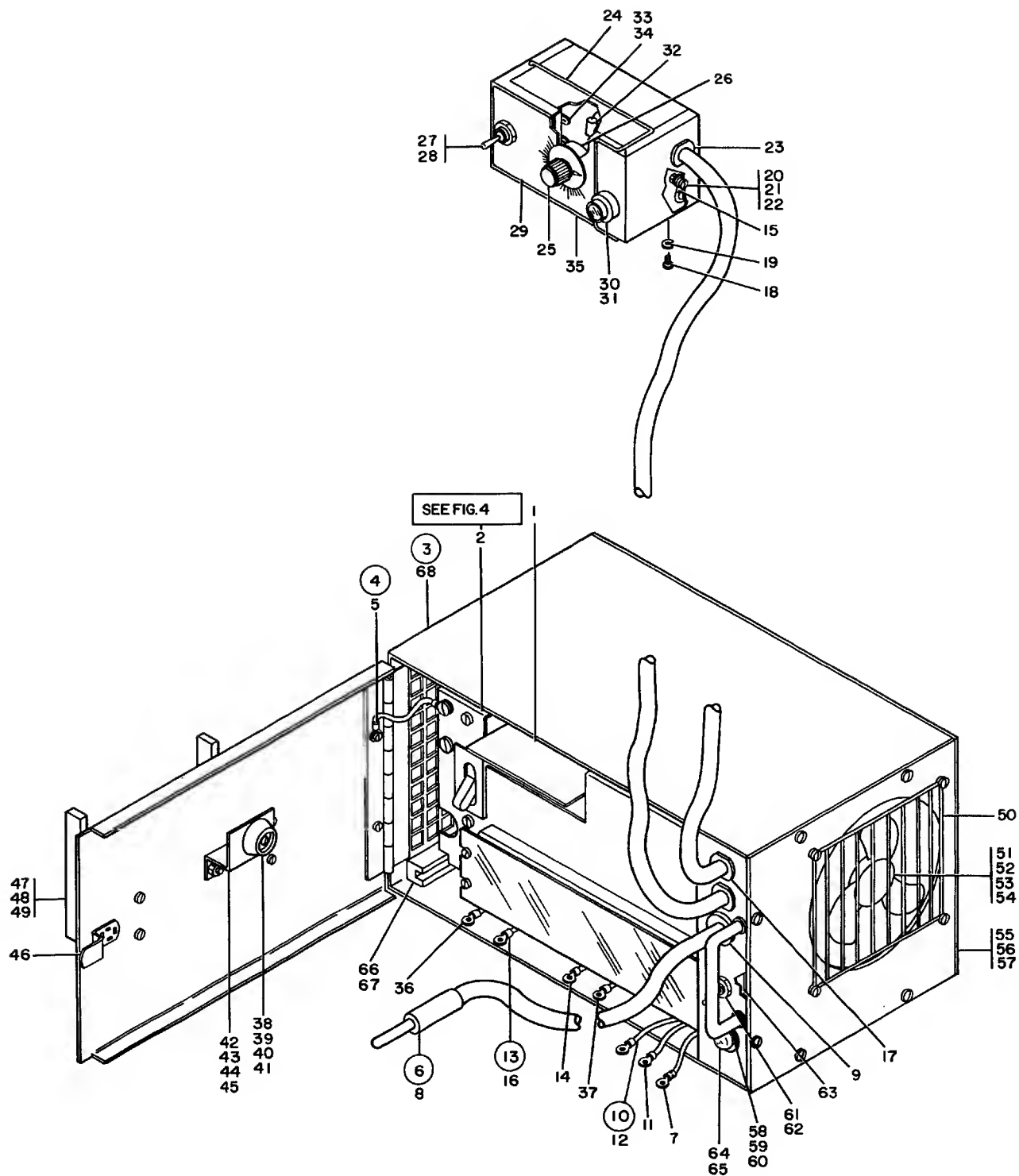
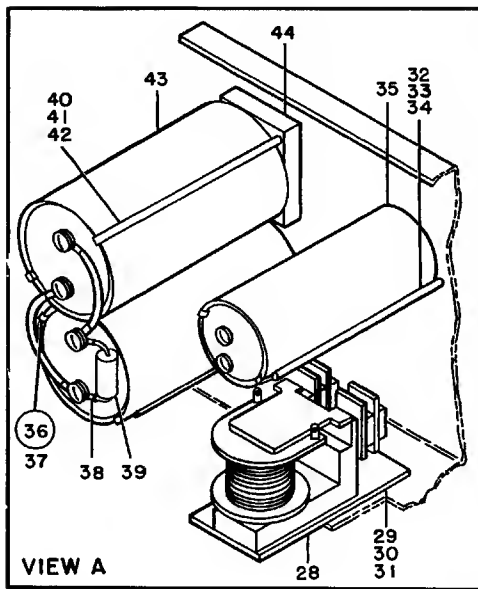


FIGURE 3. PORTABLE POWER SUPPLY ASSEMBLY. SEE LIST 3.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		PORTABLE POWER SUPPLY ASSEMBLY		
3 -	21086C	POWER SUPPLY ASM, PORTABLE	1	
- 1	370616	SEE FIGURE 3 FOR ILLUSTRATION	1	
- 2	47728C	CARD ASSEMBLY	1	
- 3	21085C	POWER SUPPLY ASSEMBLY	1	
- 4	1127C55	SEE LIST 4 FOR DETAIL BREAKDOWN	1	
- 5	334932	HOUSING ASSEMBLY	2	
- 6	216340	JUMPER ASSEMBLY	2	
- 7	36037C	TERMINAL, RING, 18-22 AWG, #10 HOLE, INS	1	
- 8	216339	CABLE ASSEMBLY, OUTPUT	3	
- 9	92748	TERMINAL, RING, 14-16 AWG, NO.8 HOLE INS	1	
- 10	210871	PLUG, PHONO	1	
- 11	92784	GROMMET, STRAIN RELIEF-7/8"	1	
- 12	334921	CORD ASSEMBLY, AC INPUT	1	
- 13	216341	TERMINAL, RING, 18-22 AWG, NO.8 HOLE, INS	1	
- 14	360370	TERMINAL, RING, 18-22 AWG, #6 HOLE, INS	2	
- 15	334921	CABLE ASSEMBLY, REMOTE CONTROL	2	
- 16	92784	TERMINAL, RING, 14-16 AWG, NO.8 HOLE INS	6	
- 17	107611	TERMINAL, RING, 18-22 AWG, NO.8 HOLE, INS	2	
- 18	163900	BUSHING	1	
- 19	60646	SCREW, THD CTG, BH, 8-32 X 1/4 LG	1	
- 20	38235	WASHER, LOCK, INT TEETH, NO. 8	1	
- 21	62031	SCREW, MACH, BH, 6-32 X 0.312 LG	1	
- 22	257187	WASHER, LOCK, INT TEETH, NO.6 X 0.295 OD	1	
- 23	107611	NUT, PLAIN, HEX 6-32	1	
- 24	210875	BUSHING	1	
- 25	519061	HANGER, CONTROL BOX	1	
- 26	210846	KNOB, CONTROL, BLACK W/WHITE POINTER	1	
- 27	128455	POTENTIOMETER, 1K, E/M 5% 2W	1	
- 28	216338	SWITCH, TOGGLE	1	
- 29	210839	WASHER, LOCK ATT PT	1	
- 30	219628	ESCUTCHEON	1	
- 31	334149	LAMP, INDICATOR	1	
- 32	521737	HOLDER, LAMP	1	
- 33	314047	CAPACITOR, ALUM, ELEC 50MFD 12V	2	
- 34	1942	TERMINAL BOARD, 2 SOLDER LUGS	1	
- 35	210855	SCREW, MACHINE, 6-32 X 1/4 LG	1	
- 36	92784	BOX, CONTROL ATT PT	1	
- 37	334921	TERMINAL, RING, 18-22 AWG, NO.8 HOLE, INS	2	
- 38	301416	TERMINAL, RING, 18-22 AWG, #6 HOLE, INS	1	
- 39	5528	BUMPER, RUBBER	1	
- 40	6318	SCREW, MACH, BH, 8-32 X 0.625 LG	1	
- 41	257189	WASHER, LOCK, SPLIT, NO. 8 X 0.280 OD	1	
- 42	210857	NUT, HEX, 8-32 ATT PT	1	
- 43	38235	BRACKET, BUMP MOUNTING	1	
- 44	6364	SCREW, MACH, BH, 6-32 X 0.312 LG	2	
- 45	257187	WASHER, LOCK, SPLIT, NO. 6 X 1/4 OD	2	
- 46	210872	NUT, PLAIN, HEX 6-32 ATT PT	2	
- 47	210868	FASTENER	1	
- 48	32255C	BRACKET, CABLE WRAP	2	
- 49	6364	SCREW, MACH, BH, 6-32 X 1/2 LG	4	
- 50	177946	WASHER, LOCK, SPLIT, NO. 6 X 1/4 OD	4	
- 51	597300	GUARD, FAN	1	
- 52	322065	FAN, AXIAL, 115V AC 1PH 60 HZ	1	
- 53	6364	SCREW, MACH, BH, 6-32 X 5/8 LG	4	
- 54	257187	WASHER, LOCK, SPLIT, NO. 6 X 1/4 OD	4	
- 55	210866	NUT, PLAIN, HEX 6-32 ATT PT	4	
- 56	10170	PLATE, END, FAN MOUNTING	1	
- 57	6364	SCREW, MACH, BH, 6-32 X 1/4 LG	6	
- 58	159257	WASHER, LOCK, SPLIT, NO. 6 X 1/4 OD	6	
- 59	443	HANDLE	2	
- 60	9092	SCREW, MACH, FIL R, 10-32 X 3/8 LG	4	
- 61	128455	WASHER, LOCK, SPLIT RING, 0.194 ID 0.337 O	4	
- 62	216338	SWITCH, TOGGLE	1	
- 63	216337	WASHER, LOCK ATT PT	1	
- 64	317797	INSULATOR	1	
- 65	442814	LAMP, GLOW, 105 TO 125V 1/25W	1	
- 66	210870	HOLDER, LAMP	1	
- 67	438558	BAR, SLIDE	2	
- 68	210867	SCREW, PLATE MTG ATT PT	6	
		HOUSING	1	



FOR PARTS
NOT SHOWN
SEE FIG. 3

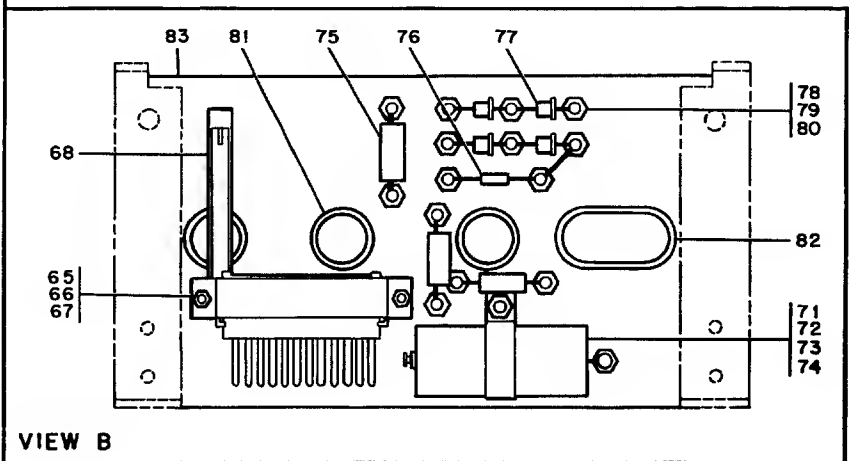
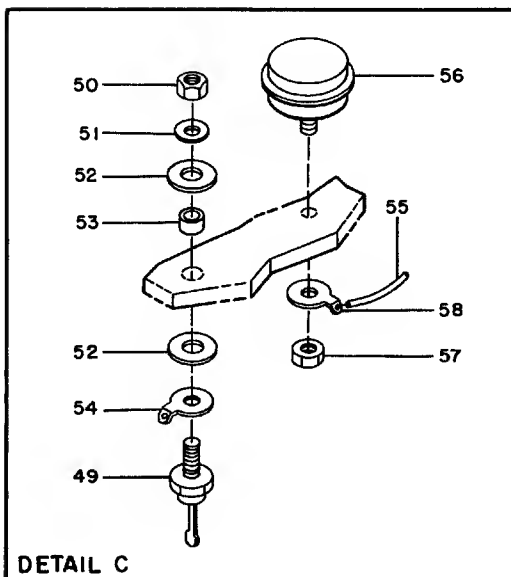
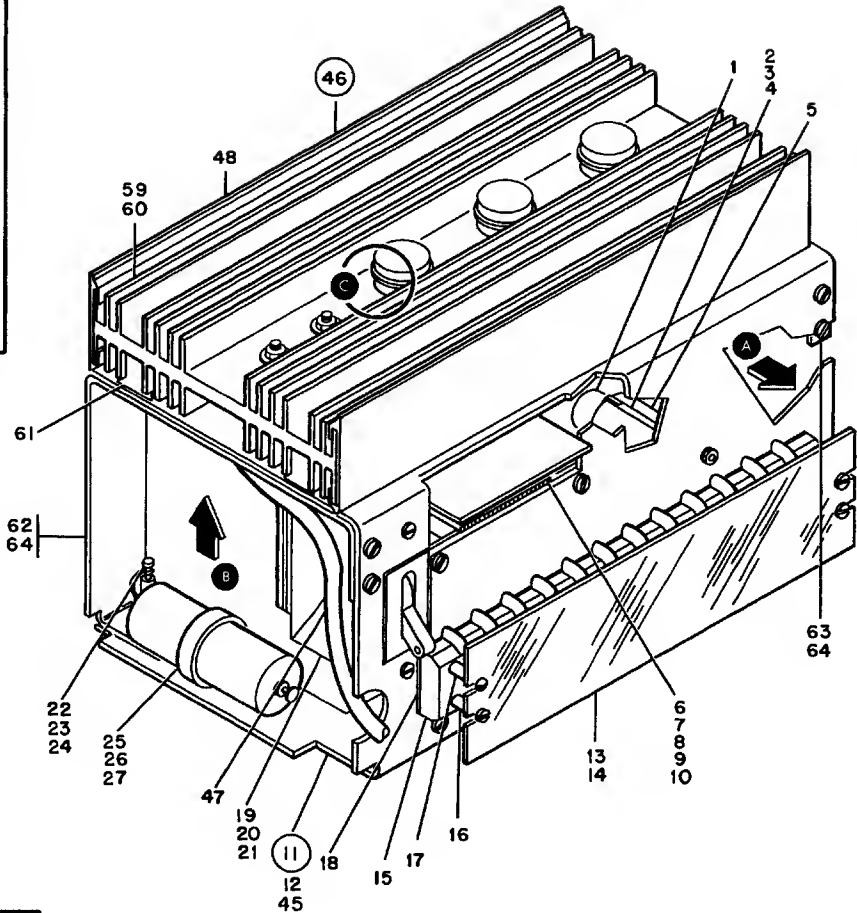


FIGURE 4. POWER SUPPLY ASSEMBLY. SEE LIST 4.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		POWER SUPPLY ASSEMBLY		
4 -	477280	POWER SUPPLY ASSEMBLY SEE LIST 3-2 FOR NEXT HIGHER ASSEMBLY AND FIG. 4 FOR ILLUSTRATION	REF	
- 1	526378	. INSULATION	2	
- 2	473576	. CAPACITOR	2	
- 3	38051	. NUT, PLAIN, HEX, 6-32 X 1/4 FL W ATT PT	2	
- 4	62031	. WASHER, LOCK, INT TEETH, NO.6 X 0.295 OD ATT PT	2	
- 5	210873	. CAPACITOR, 60 CPS	1	
- 6	210844	. REGULATOR, FERRORESONANT, 60 HZ	1	
- 7	32617	. SCREW, MACH, BH, 10-32 X 0.438 LG ATT PT	4	
- 8	56121	. WASHER, LOCK, INT TEETH, NO.10 X 0.3810D ATT PT	4	
- 9	47242	. WASHER, PLAT, NO.12 X 1/2 OD X 0.062 THK ATT PT	4	
- 10	1159E	. NUT, PLAIN, HEX, 10-32 X 3/8 FL W ATT PT	4	
- 11	477284	. PLATE ASSEMBLY	1	
- 12	28413	. SCREW, MACH, BH, 10-32 X 5/16 LG ATT PT	8	
- 13	187855	. . SHIELD, BLOCK, 2 IN. X 0.062 X 7 3/4 LG	1	
- 14	210964	. . SCREW, MACH, RD HD, 6-32 X 0.250LG ATT PT	1	
- 15	61898	. . BLOCK, 12 DRI SCREW TERMINALS	1	
- 16	209484	. . STUD, SHD MTG, 8-32 X 9/16 LG ATT PT	3	
- 17	209483	. . STUD, MCUNTING, 6-32 X 9/16 LG ATT PT	1	
- 18	557587	. . INSULATOR	1	
- 19	207348	. . CIRCUIT BREAKER, 1 PCLE 60V DC 6 AMP	1	
- 20	38235	. . SCREW, MACH, BH, 6-32 X 0.312 LG ATT PT	2	
- 21	62031	. . WASHER, LOCK, INT TEETH, NO.6 X 0.295 OD ATT PT	2	
- 22	533534	. . TERMINAL	1	
- 23	10170	. . SCREW, MACH, BH, 6-32 X 1/4 LG ATT PT	1	
- 24	62031	. . WASHER, LOCK, INT TEETH, NO.6 X 0.295 OD ATT PT	1	
- 25	206229	. . CAPACITOR, FXD ELECT, 70MFD P100M10%15V	1	
- 26	55726	. . SCREW, MACH, BH, 6-32 X 0.188 LG ATT PT	1	
- 27	62031	. . WASHER, LOCK, INT TEETH, NO.6 X 0.295 OD ATT PT	1	
- 28	210874	. . RELAY, DPDT	1	
- 29	477252	. . BRACKET	1	
- 30	58207	. . SCREW, MACH, UNDRCT BH, 8-32 X 1/4 LG ATT PT	4	
- 31	60646	. . WASHER, LOCK, INT TEETH, NO. 8 ATT PT	4	
- 32	473426	. . CLAMP	2	
- 33	38051	. . NUT, PLAIN, HEX, 6-32 X 1/4 FL W ATT PT	2	
- 34	62031	. . WASHER, LOCK, INT TEETH, NO.6 X 0.295 OD ATT PT	2	
- 35	210845	. . CAPACITOR, FXD ELECT, 1.25KMFD P100M10%25V	1	
- 36	208989	. . JUMPER ASM, EIK 3 IN. 12AWG 1 LUG EA END	2	
- 37	2101326	. . . TERMINAL, RING, 12-10 AWG	2	
- 38	54856	. . LUG, TERMINAL	2	
- 39	301881	. . RESISTOR, FXD COMP, 240 OHMS, P/M 5% 2W	1	
- 40	473543	. . CLAMP ASM, CAPACITOR	4	
- 41	38051	. . NUT, PLAIN, HEX, 6-32 X 1/4 FL W ATT PT	4	
- 42	62031	. . WASHER, LOCK, INT TEETH, NO.6 X 0.295 OD ATT PT	4	
- 43	479953	. . CAPACITOR, ELECTROLYTIC, 15KMFD	2	
- 44	473406	. . SPACER	1	
- 45	477287	. . PLATE	1	

TOOLS AND TEST

[illegible]

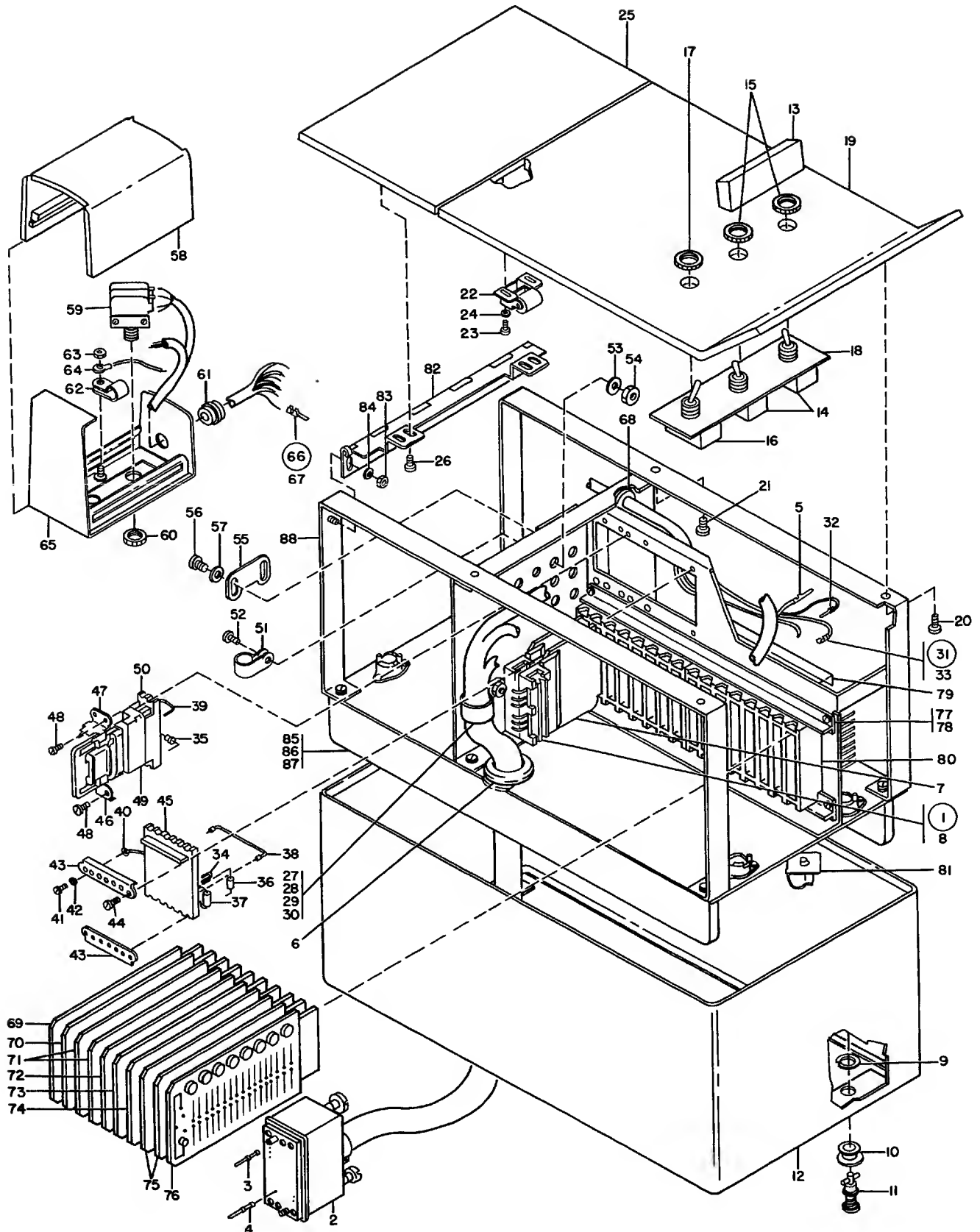


FIGURE 5. REMOTE RECYCLE CONTROL ASSEMBLY. SEE LIST 5.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		REMOTE RECYCLE CONTROL ASSEMBLY		
5 -	724830	CONTROL ASSEMBLY, REMOTE RECYCLE SEE FIGURE 5 FOR ILLUSTRATION	1	
- 1	724843	. CABLE ASSEMBLY, EXTERNAL	1	
- 2	722867	. . CONNECTOR, RECEPTACLE, 75 POSITION	1	
- 3	723155	. . CONTACT, ELEC, 20-22	49	
- 4	532903	. . CONTACT, ELEC, 18-20	7	
- 5	187243	. . TERMINAL, SMALL TAPER	11	
- 6	317367	. . GROMMET, RUBBER, FOR 7/8 HOLE X 1/16 PNL	1	
- 7	216300	. . PLUG, STRAIN RELIEF	2	
- 8	216304	. . STRAIN RELIEF	2	
- 9	312575	. RING, RETAINING, 0.4375 ID X 0.040 THK	4	
- 10	510352	. GROMMET	4	
- 11	8C2130	. STUD, CAMLOC	4	
- 12	724800	. COVER, SIDE	1	
- 13	724809	. BAR, DOUBLE THROW SWITCH	1	
- 14	363420	. SWITCH, TOGGLE, DPDT	2	
- 15	179744	. NUT, PLAIN, RD, 15/32-32 X 39/64 DIA ATT PT	2	
- 16	479319	. SWITCH, TOGGLE, DPDT, 20V 0.1A	1	
- 17	179744	. NUT, PLAIN, RD, 15/32-32 X 39/64 DIA ATT PT	1	
- 18	724808	. RETAINER, SWITCH	1	
- 19	724802	. COVER, TOP	1	
- 20	221790	. SCREW, MACH, BH, 8-32 X 3/16 LG ATT PT	2	
- 21	582C7	. SCREW, MACH, UNDRCT BH, 8-32 X 1/4 LG ATT PT	2	
- 22	513668	. CATCH, FRICTION LATCH	1	
- 23	221790	. SCREW, MACH, BH, 8-32 X 3/16 LG ATT PT	2	
- 24	22476	. WASHER, FLAT, 0.175ID X 0.375OD 0.03 TBK ATT PT	2	
- 25	724807	. DOOR	1	
- 26	221790	. SCREW, MACH, BH, 8-32 X 3/16 LG ATT PT	4	
- 27	2114108	. CLAMP, CABLE, 0.562 DIAMETER	1	
- 28	32042	. SCREW, MACH, BH, 10-32 X 3/8 LG ATT PT	1	
- 29	45690	. WASHER, FL, NO.10 X 7/16 OD X 1/32 THK ATT PT	1	
- 30	11598	. NUT, PLAIN, HEX, 10-32 X 3/8 FL W ATT PT	1	
- 31	724840	. CABLE ASSEMBLY, INTERNAL	1	
- 32	187243	. . TERMINAL, SMALL TAPER	22	
- 33	216265	. . TERMINAL, QUICK DISCON, NCN-INS, 20AWG	30	
- 34	2C5331	. JUMPER, 0.125 BRASS	2	
- 35	441318	. DIODE ASSEMBLY, SELENIUM	2	
- 36	234457	. RESISTOR ASSEMBLY, 2200 OHM, 2W	2	
- 37	2103073	. RESISTOR ASSEMBLY, 680 OHM, 1/2W	3	
- 38	129244	. JUMPER ASSEMBLY	5	
- 39	129243	. JUMPER ASM, BLU 3-1/2 20AWG 1 LUG EA END	6	
- 40	2C9314	. JUMPER ASSEMBLY	1	
- 41	10170	. SCREW, MACH, BH, 6-32 X 1/4 LG ATT PT	1	
- 42	56722	. WASHER, LOCK, EXTERNAL TOOTH NO. 6 ATT PT	1	
- 43	284424	. CLIP, RELAY MOLDING BOTTOM MOUNTING	2	
- 44	198363	. SCREW, SELF-TAP, BH, NO. 4 X 1/2 LG ATT PT	4	
- 45	324999	. TERMINAL BOARD, 109 FEEDTHRU TERMINALS	1	
- 46	308704	. CLIP, MOLDING	2	
- 47	159944	. CLIP, SPRING TENSION-TERMINAL MOLDING	2	
- 48	198363	. SCREW, SELF-TAP, BH, NO. 4 X 1/2 LG ATT PT	8	
- 49	719003	. RELAY ASSEMBLY, 4 POSITION	2	
- 50	344599	. MOLDING ASSEMBLY, TERMINAL	2	
- 51	2102365	. CLAMP, LOCK, C.330 ID	1	
- 52	38235	. SCREW, MACH, BH, 6-32 X 0.312 LG ATT PT	1	
- 53	45642	. WASHER, FL, NP.6 X 11/32 CD X 0.040 THK ATT PT	1	
- 54	257187	. NUT, PLAIN, HEX 6-32 ATT PT	1	
- 55	557068	. STRIKE, COVER CATCH	1	
- 56	10170	. SCREW, MACH, BH, 6-32 X 1/4 LG ATT PT	2	
- 57	257986	. WASHER, FLAT, NO. 6 X 0.312 OD ATT PT	2	

TOOLS AND TEST

[illegible]

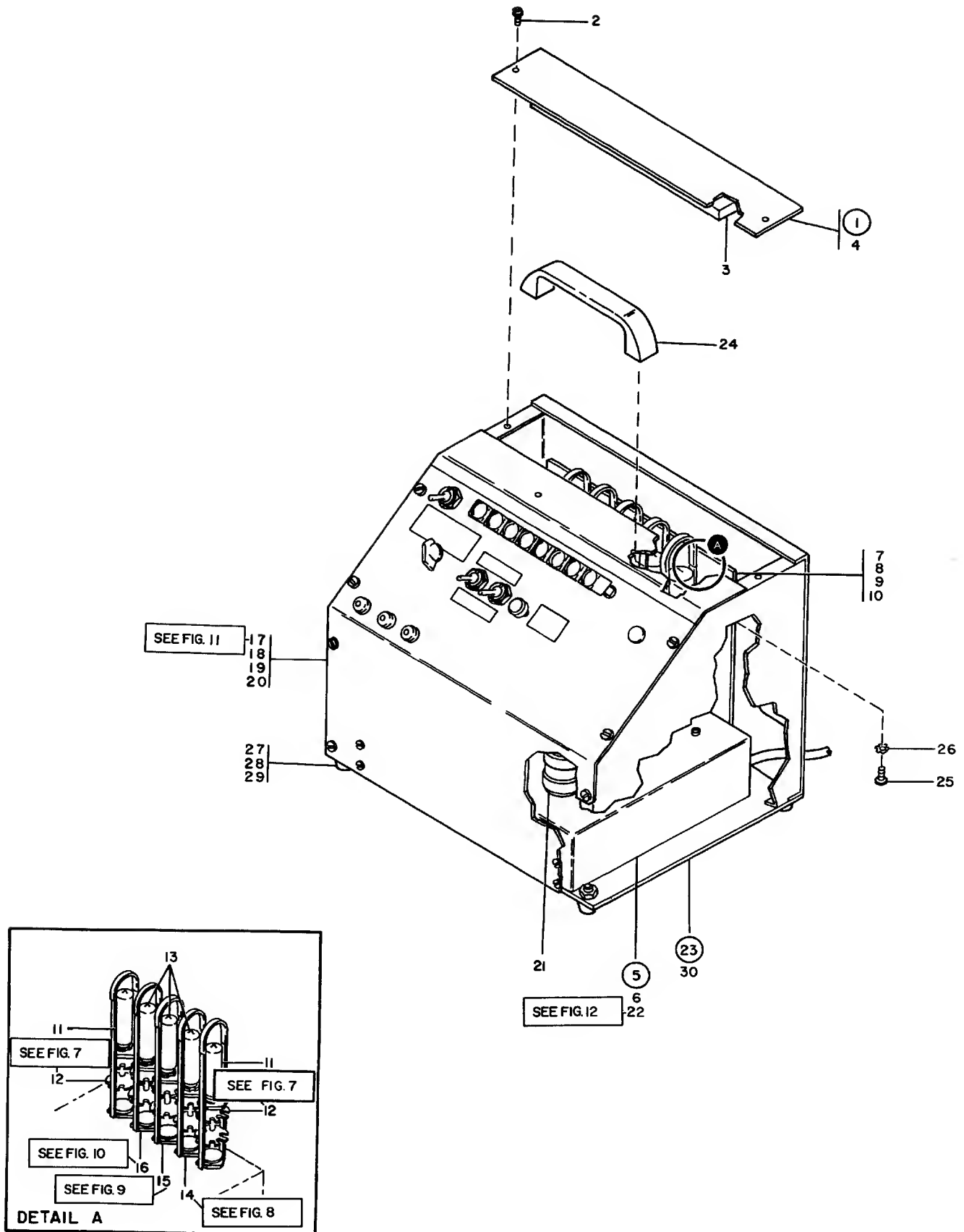
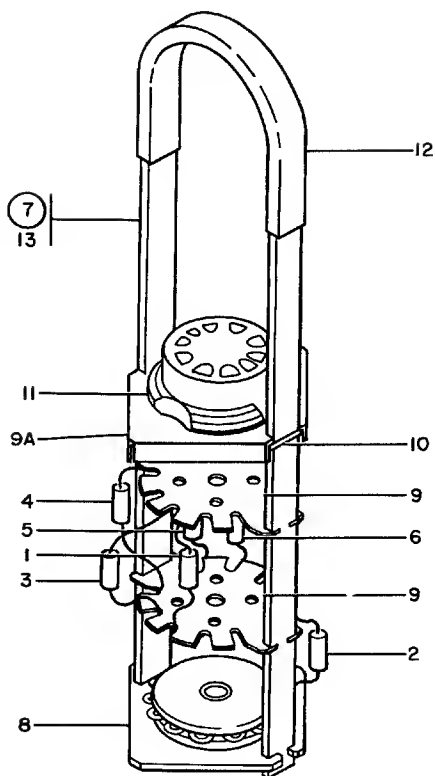
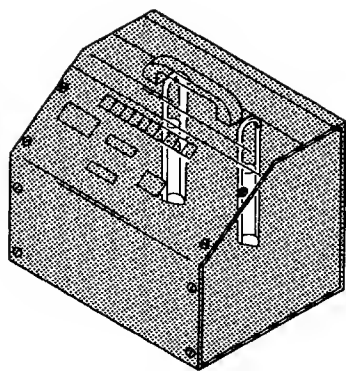


FIGURE 6. DATA TRANSCIVER SIGNAL SIMULATOR. SEE LIST 6.

TOOLS AND TEST

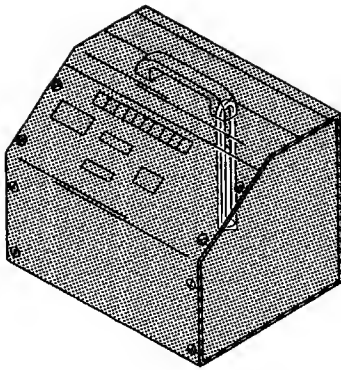
[illegible]



FOR PARTS
NOT SHOWN
SEE FIG. 6

FIGURE 7. CF-22 PLUGGABLE UNIT ASSEMBLY. SEE LIST 7.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		CF-22 PLUGGABLE UNIT ASSEMBLY		
7 -	338106	PLUGGABLE UNIT ASSEMBLY, CF-22 SEE LIST 6-12 FOR NEXT HIGHER ASSEMBLY AND FIG. 7 FOR ILLUSTRATION	REF	
- 1	301826	. RESISTOR, COMP, 22K, P/M 10% 2W	1	
- 2	322731	. RESISTOR, CCMP, 18K, F/M 5% 2W	1	
- 3	300736	. RESISTOR, FXD CCMP, 1 MEG, F/M 5% 1/2W	1	
- 4	213556	. RESISTOR, FXD CCMP, 680K, F/M 5% 1/2W	1	
- 5	300728	. RESISTOR, FXD CCMP, 100K, P/M 5% 1/2W	1	
- 6	300725	. RESISTOR, COMP, 47K, F/M 20% 1/2W	1	
- 7	338110	. FRAME ASSEMBLY	1	
- 8	309900	. . BASE, PLUGGABLE UNIT	1	
- 9	309922	. . WAFER	2	
- 9A	2102096	. . PLATE	1	
- 10	309921	. . CLIP	2	
- 11	338108	. . SOCKET, ELECTRON TUBE	1	
- 12	309920	. . INSULATOR, BAIL	1	
- 13	309919	. . BAIL	1	



FOR PARTS
NOT SHOWN
SEE FIG. 6

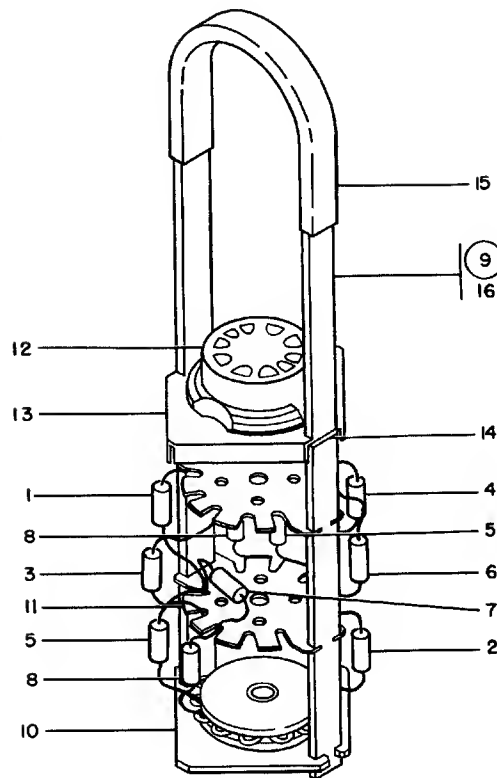


FIGURE 8. TR-5 TRIGGER PLUGGABLE UNIT ASSEMBLY. SEE LIST 8.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		TR-5 TRIGGER PLUGGABLE UNIT ASSEMBLY		
B -	261159	PLUGGABLE UNIT ASSEMBLY, TR-5 TRIGGER SEE LIST 6-14 FOR NEXT HIGHER ASSEMBLY AND FIG. 8 FOR ILLUSTRATION	REF	
- 1	213693	. RESISTOR, FXD COME, 1K, E/M 5% 1/2W	1	
- 2	3C072C	. RESISTOR, FXD COMP, 7.5K P/M 5% 1/2W	1	
- 3	3C0721	. RESISTOR, FXD CCME, 10K, E/M 5% 1/2W	1	
- 4	3C0722	. RESISTOR, FXD CCMP, 12K, 5%, 1/2W	1	
- 5	3C0729	. RESISTOR, FXD COME, 200K, 5%, 1/2W	2	
- 6	3C1824	. RESISTOR, CCME, 20K, P/M 5% 1W	1	
- 7	3C0712	. CAPACITOR, CERAMIC, 40PF, 5%, 500VDC	1	
- 8	3C0714	. CAPACITOR, CERAMIC, 100PF, 5%, 500VDC	2	
- 9	3C9944	FRAME ASSEMBLY	1	
- 10	3C99CC	. . BASE, PLUGGABLE UNIT	1	
- 11	309923	. . WAFER	2	
- 12	2111258	. . SOCKET, ELECTRON TUBE	1	
- 13	2102096	. . PLATE	1	
- 14	21C2571	. . CLIP	1	
- 15	3C992C	. . INSULATOR, BATT	1	
- 16	3C9929	. . BATT	1	

FOR PARTS
NOT SHOWN
SEE FIG. 6

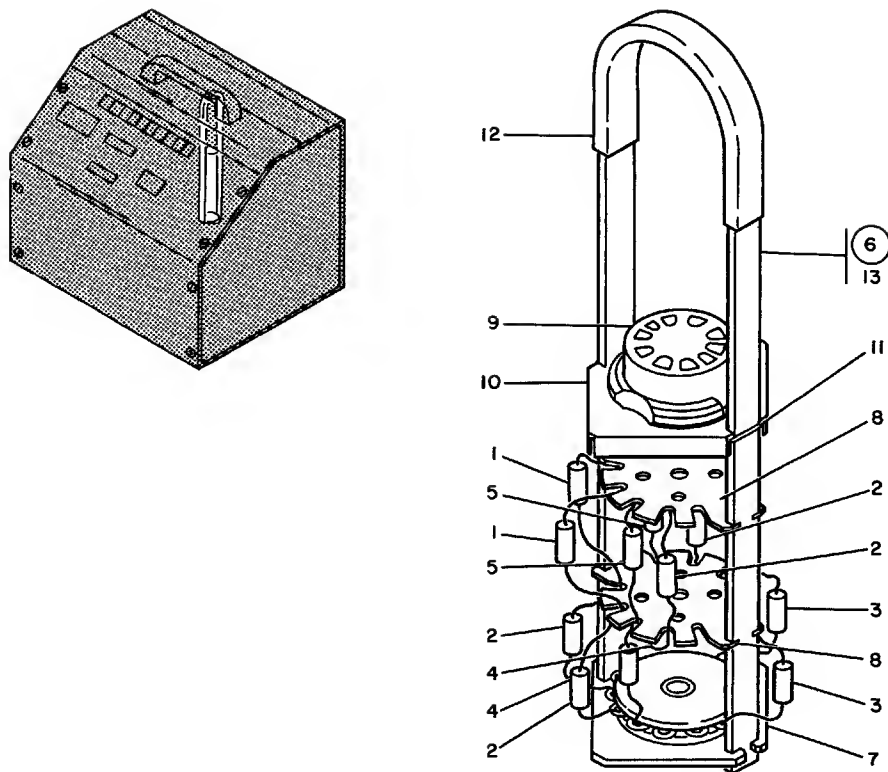
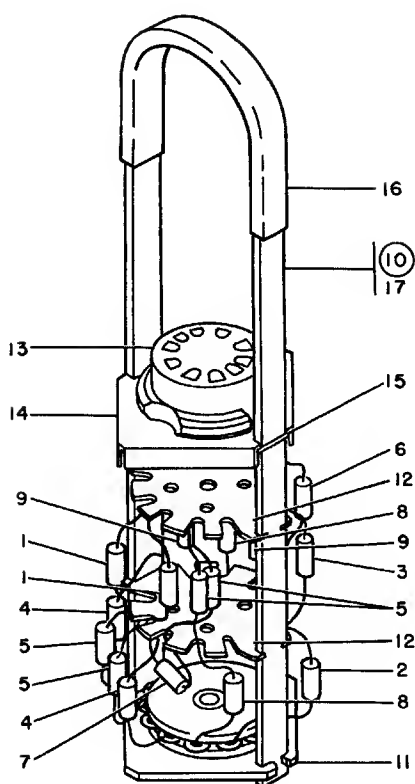
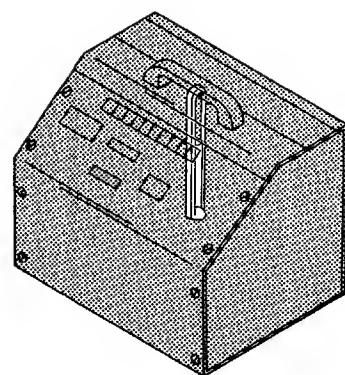


FIGURE 9. TR-1 TRIGGER PLUGGABLE UNIT ASSEMBLY. SEE LIST 9.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION				UNITS PER ASM.	USABLE ON CODE
		1	2	3	4		
					TR-1 TRIGGER PLUGGABLE UNIT ASSEMBLY		
9 -	3C0638				PLUGGABLE UNIT ASSEMBLY, TR-1 TRIGGER SEE LIST 6-15 FOR NEXT HIGHER ASSEMBLY AND FIG. 9 FOR ILLUSTRATION	REF	
- 1	213693				. RESISTOR, FXD COMP, 1K, P/M 5% 1/2W	2	
- 2	300729				. RESISTOR, FXD CCMP, 200K, 5%, 1/2W	4	
- 3	301824				. RESISTOR, CCME, 20K, P/M 5% 1W	2	
- 4	3C0712				. CAPACITOR, CERAMIC, 40PF, 5%, 500VDC	2	
- 5	300714				. CAPACITOR, CERAMIC, 100PF, 5%, 500VDC	2	
- 6	3C9944				. FRAME ASSEMBLY	1	
- 7	3C990C				. . BASE, PLUGGABLE UNIT	1	
- 8	309923				. . WAFER	2	
- 9	2111258				. . SOCKET, ELECTRON TUBE	1	
- 10	2102096				. . PLATE	1	
- 11	2102571				. . CLIP	1	
- 12	3C992C				. . INSULATOR, BAIL	1	
- 13	309929				. . BAIL	1	



FOR PARTS
NOT SHOWN
SEE FIG. 6

FIGURE 10. TR-3 TRIGGER PLUGGABLE UNIT ASSEMBLY. SEE LIST 10.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		TR-3 TRIGGER PLUGGABLE UNIT ASSEMBLY		
10 -	3C0642	PLUGGABLE UNIT ASSEMBLY, TR-3 TRIGGER SEE LIST 6-16 FOR NEXT HIGHER ASSEMBLY AND FIG. 10 FOR ILLUSTRATION	REF	
- 1	213693	. RESISTOR, FXD COMP, 1K, E/M 5% 1/2W	2	
- 2	3C0720	. RESISTOR, FXD COMP, 7.5K E/M 5% 1/2W	1	
- 3	3C0722	. RESISTOR, FXD CCMP, 12K, 5%, 1/2W	1	
- 4	3C0727	. RESISTOR, FXD CCMP, 82K, E/M 5% 1/2W	2	
- 5	3C0729	. RESISTOR, FXD COMP, 200K, 5%, 1/2W	4	
- 6	3C1824	. RESISTOR, CCMP, 20K, E/M 5% 1W	1	
- 7	3C0710	. CAPACITOR, CERAMIC, 10PF, 10%, 500VDC	1	
- 8	3C0712	. CAPACITOR, CERAMIC, 40PF, 5%, 500VDC	2	
- 9	3C0714	. CAPACITOR, CERAMIC, 100PF, 5%, 500VDC	2	
- 10	3C9944	. FRAME ASSEMBLY	1	
- 11	3C990C	. . BASE, PLUGGABLE UNIT	1	
- 12	3C9923	. . WAFER	2	
- 13	2111258	. . SOCKET, ELECTRON TUBE	1	
- 14	21C2C56	. . PLATE	1	
- 15	2102571	. . CLIP	1	
- 16	3C992C	. . INSULATOR, PAIR	1	
- 17	3C992S	. . BAIL	1	

FOR PARTS
NOT SHOWN
SEE FIG. 6

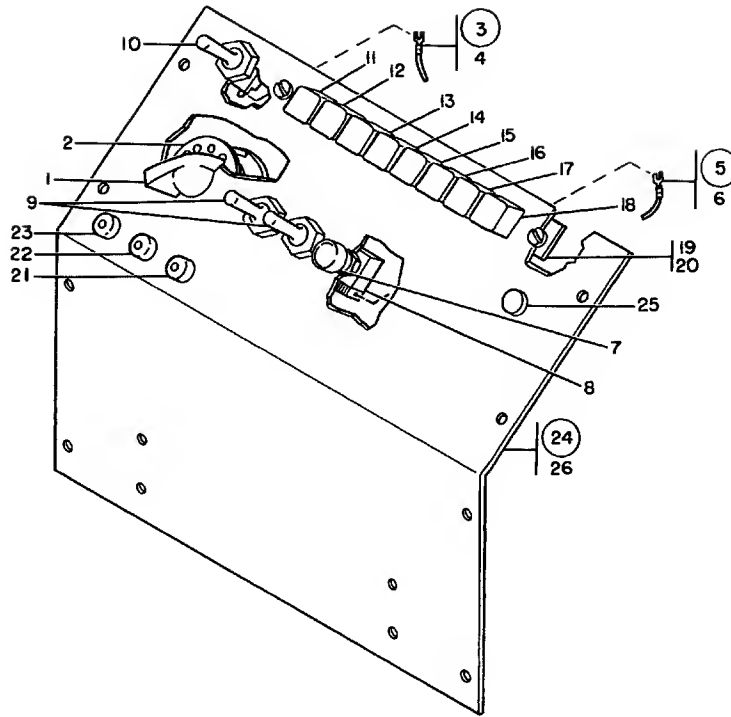
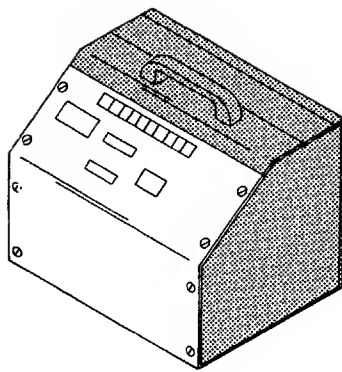


FIGURE 11. FRONT COVER ASSEMBLY. SEE LIST 11.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		FRONT COVER ASSEMBLY		
11 -	3389C4	COVER ASSEMBLY, FRONT SEE LIST 6-17 FOR NEXT HIGHER ASSEMBLY AND FIG. 11 FOR ILLUSTRATION	REF	
- 1	317173	. KNOB, BAR TYPE WITH POINTER	1	
- 2	338916	. SWITCH, SELECTOR	1	
- 3	249271	. JUMPER ASSEMBLY	1	
- 4	115186	. . TERMINAL, LUG	1	
- 5	334C67	. JUMPER ASSEMBLY	1	
- 6	126567	. . TERMINAL, SPADE, 20-24 AWC, #6 HOLE, NINS	1	
- 7	169138	. KNOB, SWITCH BLACK	1	
- 8	215680	. SWITCH, PUSH, NC, 125VAC 1 AMP	1	
- 9	118463	. SWITCH, TOGGLE, SPST	2	
- 10	331658	. SWITCH, TOGGLE, SPDT	1	
- 11	1105024	. BUTTON, KEY X	1	
- 12	1105015	. BUTTON, KEY O	1	
- 13	1105014	. BUTTON, KEY N	1	
- 14	1105016	. BUTTON, KEY R	1	
- 15	1105294	. BUTTON, KEY 7	1	
- 16	1105291	. BUTTON, KEY 4	1	
- 17	1105289	. BUTTON, KEY 2	1	
- 18	1105288	. BUTTON, KEY 1	1	
- 19	338915	. SWITCH, CODE	1	
- 20	34512	. SCREW, BH, 8-32 X 0.375 IG	2	
- 21	322599	. JACK, TIP	1	
- 22	322609	. JACK, TIP, RED	1	
- 23	338155	. JACK, TEST	1	
- 24	3389C5	. COVER ASSEMBLY	1	
- 25	234056	. . PLUG, SNAP-IN	1	
- 26	338926	. . COVER	1	

FOR PARTS
NOT SHOWN
SEE FIG. 6

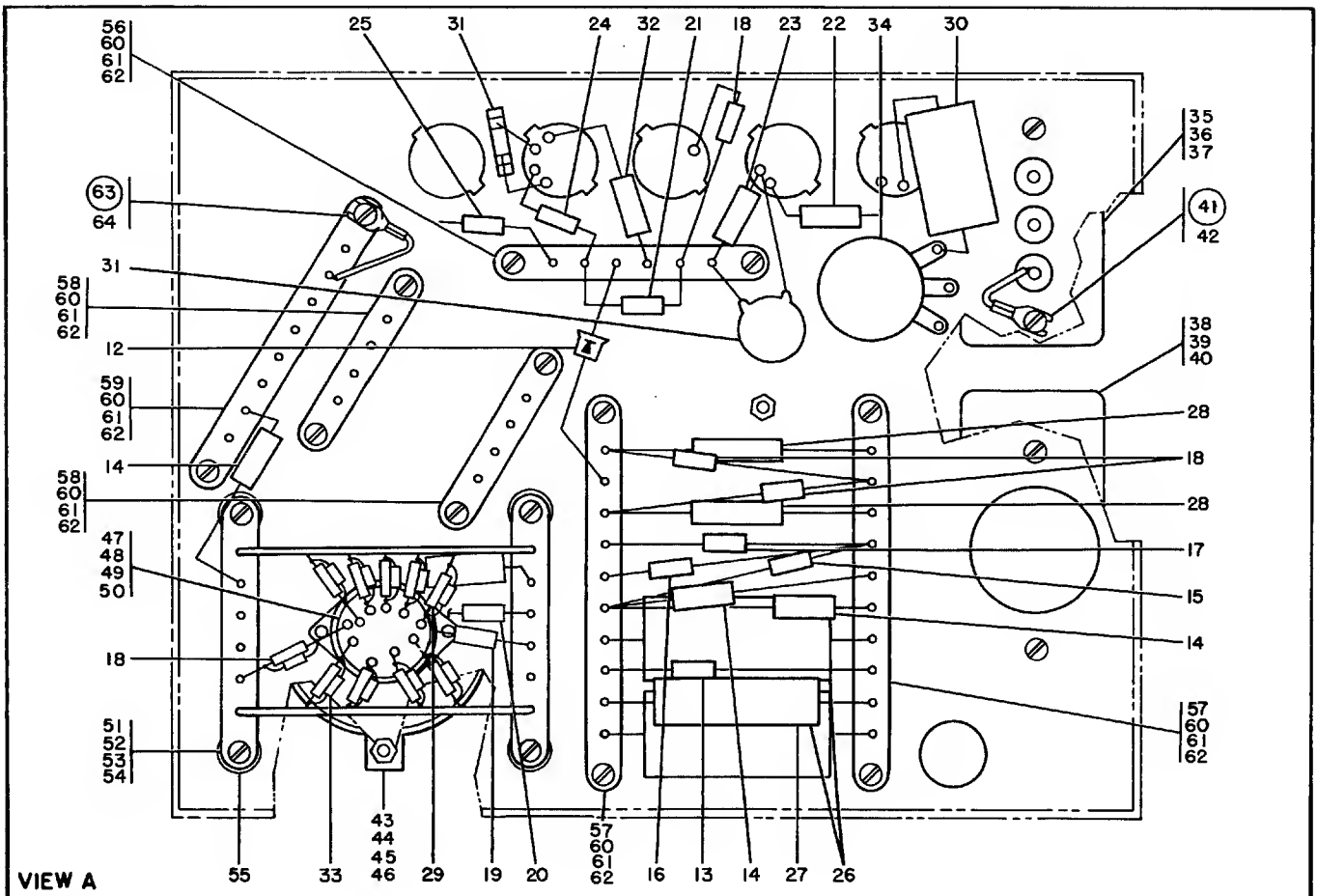
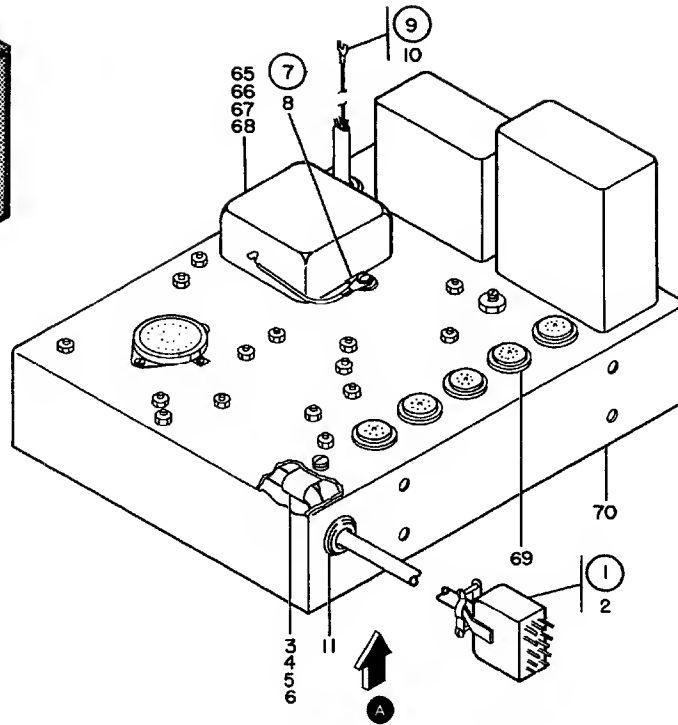
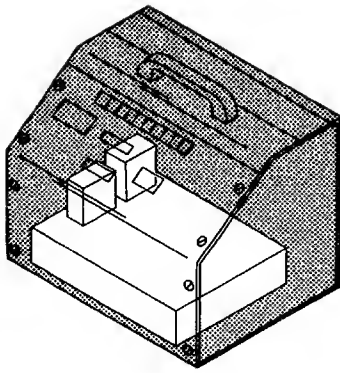


FIGURE 12. CHASSIS ASSEMBLY. SEE LIST 12.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		CHASSIS ASSEMBLY		
12 -	338903	CBASSIS ASSEMBLY SEE LIST 6-22 FOR NEXT HIGHER ASSEMBLY AND FIG. 12 FOR ILLUSTRATION	REF	
- 1	338920	. CABLE ASSEMBLY	1	
- 2	321057	. CONNECTOR, PLUG, ELEC, 8 FEMALE CONTACTS	1	
- 3	167338	. CLIP, CABLE, 3/8 DIA LOOP 9/32 MTG HOLE	1	
- 4	32042	. SCREW, MACH, BH, 10-32 X 3/8 LG ATT PT	1	
- 5	5679	. WASHER, LOCK, EXT TEETH, 0.195 ID 0.410 OD ATT PT	1	
- 6	11598	. NUT, PLAIN, HEX, 10-32 X 3/8 PL W ATT PT	1	
- 7	309758	. JUMPER ASSEMBLY	1	
- 8	115186	. TERMINAL, LUG	1	
- 9	338917	. CABLE ASSEMBLY	1	
- 10	115186	. TERMINAL, LUG	3	
- 11	204362	. GROMMET, RUBBER, FOR 5/8 BORE X 1/16 FNL	2	
- 12	333264	. SEMICONDUCTOR DEVICE, DIODE	1	
- 13	317030	. RESISTOR, FXD CCMP, 47K, E/M 5% 1/2W	1	
- 14	301825	. RESISTOR, CCMP, 22K, P/M 5% 1W	3	
- 15	323900	. RESISTOR, FXD CCMP, 22K, P/M 5% 1/2W	1	
- 16	317025	. RESISTOR, FXD CCMP, 6.8K, P/M 5% 1/2W	1	
- 17	317029	. RESISTOR, FXD, 33K, P/M 5% 1/2W	1	
- 18	300728	. RESISTOR, FXD CCMP, 100K, P/M 5% 1/2W	13	
- 19	322347	. RESISTOR, FXD CCMP, 560 OHMS, P/M 5% 1/2W	1	
- 20	317031	. RESISTOR, FXD CCMP, 68K, E/M 5% 1/2W	1	
- 21	321195	. RESISTOR, FXD CCMP, 1.2 MEG, P/M 5% 1/2W	1	
- 22	317060	. RESISTOR, FXD CCMP, 6.8K, P/M 5% 1W	1	
- 23	317065	. RESISTOR, CCMP, 27K, E/M 5% 1W	1	
- 24	300736	. RESISTOR, FXD CCMP, 1 MEG, E/M 5% 1/2W	1	
- 25	317028	. RESISTOR, FXD CCMP, 18K, E/M 5% 1/2W	1	
- 26	321019	. CAPACITOR, TUBULAR, 20MFD, 250VDC	2	
- 27	322821	. CAPACITOR, TUBULAR, 0.25MFD, 400VDC	1	
- 28	317338	. CAPACITOR, TUBULAR, 1000PF, 500VDC	2	
- 29	521736	. CAPACITOR, 1MFD	1	
- 30	266533	. CAPACITOR, ELECT, 4MFD, 250VDC	1	
- 31	317262	. CAPACITOR, EXE CER, 0.01MFD P80M20% 450V	2	
- 32	360032	. CAPACITOR, TUBULAR, 200PF, 500VDC	1	
- 33	317339	. CAPACITOR, CERAMIC, 33PF, 500VDC	10	
- 34	322235	. POTENTIOMETER	1	
- 35	338174	. INDUCTOR	1	
- 36	38235	. SCREW, MACH, BH, 6-32 X 0.312 LG ATT PT	2	
- 37	56722	. WASHER, LOCK, EXTERNAL TOOTH NO. 6 ATT PT	2	
- 38	338175	. OSCILLATOR UNIT, 180 HZ	1	
- 39	38235	. SCREW, MACH, BH, 6-32 X 0.312 LG ATT PT	2	
- 40	56722	. WASHER, LOCK, EXTERNAL TOOTH NO. 6 ATT PT	2	
- 41	309758	. JUMPER ASSEMBLY	1	
- 42	115186	. TERMINAL, LUG	1	
- 43	338914	. CLAMP, TUBE	1	
- 44	34512	. SCREW, BH, 8-32 X 0.375 LG ATT PT	2	
- 45	55901	. WASHER, LOCK, EXT TEETH, NO.8 X 0.381 OD ATT PT	2	
- 46	257189	. NUT, HEX, 8-32 ATT PT	2	
- 47	338913	. SOCKET, MES	1	
- 48	338238	. SCREW, MACH, BH, 4-40 NC X 0.3125 LG ATT PT	2	
- 49	257584	. WASHER, LOCK, SPLIT, 1/8 ID X 13/64 OD ATT PT	2	
- 50	38214	. NUT ATT PT	2	
- 51	317157	. STRIP, TERMINAL	2	
- 52	436568	. SCREW, MACH, UNDRCT BH, 6-32 X 1-1/8 ATT PT	4	
- 53	56722	. WASHER, LOCK, EXTERNAL TOOTH NO. 6 ATT PT	4	
- 54	257187	. NUT, PLAIN, HEX 6-32 ATT PT	4	
- 55	18735	. SPACER, SLV, 0.169 ID 3/8 OD 0.781 LG	4	
- 56	317157	. STRIP, TERMINAL	1	
- 57	317218	. TERMINAL BOARD, 10 SLIDER LUG TERM	2	
- 58	317156	. TERMINAL BOARD, 4 LUG TERMINALS	2	
- 59	317200	. TERMINAL BOARD, 8 LUG TERMINALS	1	
- 60	38235	. SCREW, MACH, BH, 6-32 X 0.312 LG ATT PT	12	
- 61	56722	. WASHER, LOCK, EXTERNAL TOOTH NO. 6 ATT PT	12	
- 62	257187	. NUT, PLAIN, HEX 6-32 ATT PT	12	
- 63	309758	. JUMPER ASSEMBLY	1	
- 64	115186	. TERMINAL, LUG	1	
- 65	338911	. CAPACITOR, FREQUENCY SELECTION	1	
- 66	38235	. SCREW, MACH, BH, 6-32 X 0.312 LG ATT PT	2	
- 67	56722	. WASHER, LOCK, EXTERNAL TOOTH NO. 6 ATT PT	2	
- 68	257187	. NUT, PLAIN, HEX 6-32 ATT PT	2	
- 69	317520	. SOCKET, ELECTRON TUBE, 9 PIN	5	
- 70	338910	. CBASSIS	1	

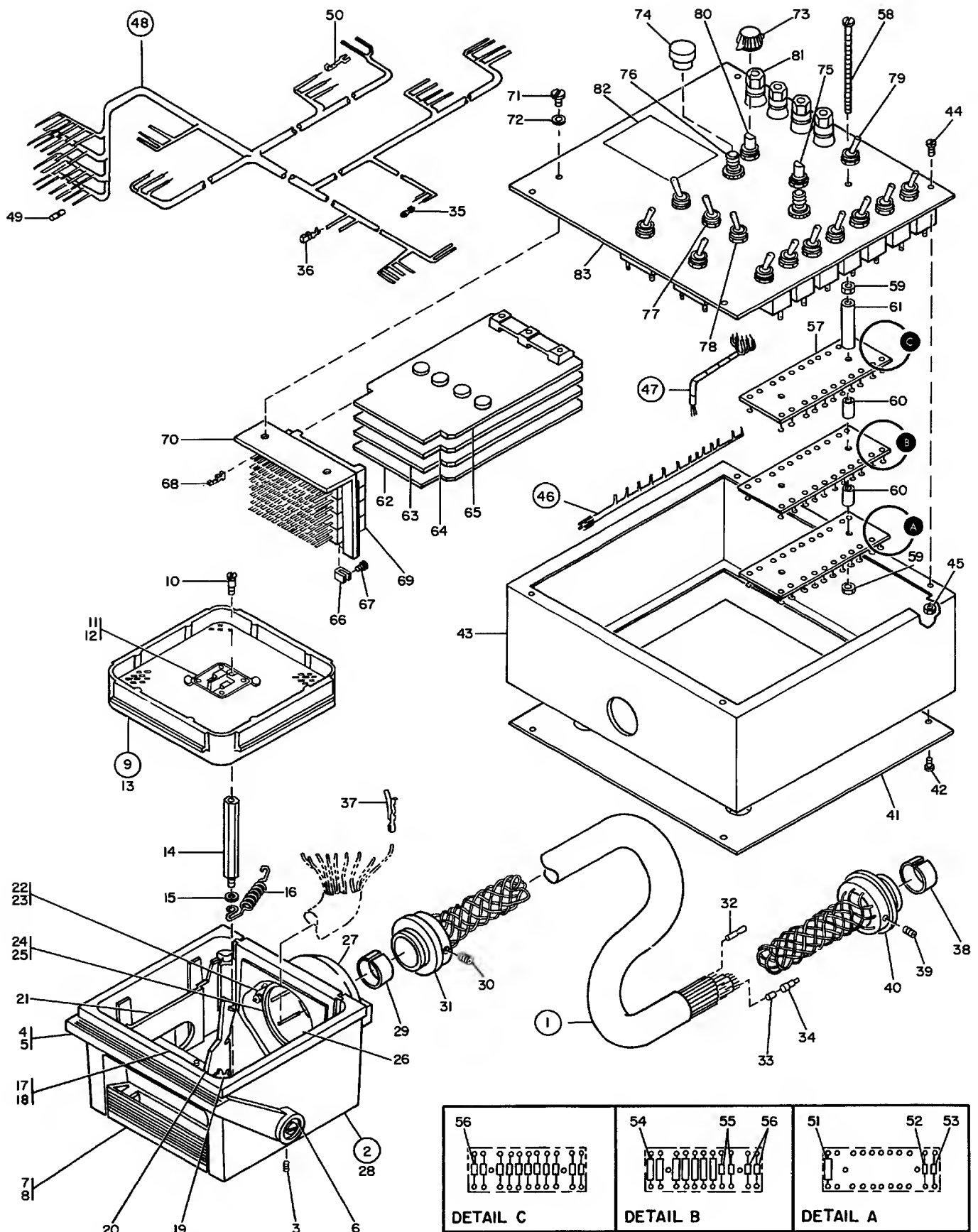


FIGURE 13. 7330 TAPE TESTER ASSEMBLY. SEE LIST 13.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		7330 TAPE TESTER ASSEMBLY		
13 -	461142	TESTER ASSEMBLY, TAPE, 7330 SEE FIGURE 13 FOR ILLUSTRATION	1	
- 1	556826	CABLE ASSEMBLY, MAIN TESTER	1	
- 2	558237	CONNECTOR ASSEMBLY	1	
- 3	311546	SCREW, SOCKET H, 10-32 X 1/4 LG	4	
- 4	5516C7	HANDLE, LATCHING	1	
- 5	591747	SCREW, RELIEVED BODY, SIOT H, 10-32 ATT PT	2	
- 6	591608	INSERT, LATCHING HANDLE	1	
- 7	5516C9	HANDLE, CARRIER	1	
- 8	223779	SCREW, SELF-TAP, BH, NC. 8 X 1/2 LG ATT PT	2	
- 9	558253	BCARD AND KEEPER PLATE ASSEMBLY	1	
- 10	551749	SCREW, RELIEVED BODY, SIOT H, 6-32 ATT PT	1	
- 11	55164C	KEEPER, 200	1	
- 12	591641	PART OF BOARD & KEEPER PLATE SCREW, SHOULDER KEEPER PLATE MTG, 3.6-32 ATT PT	4	
- 13	558688	BOARD, 200 OPEN WIRE LOW VOLTAGE CONN PART OF BOARD & KEEPER PLATE	1	
- 14	55175C	STUD, BOARD MOUNTING	1	
- 15	557575	WASHER, FLAT, C.390 X 0.2180D X 0.045THK	1	
- 16	597578	SPRING, LATCH CONNECTOR	1	
- 17	591746	SHAFT, CAM	1	
- 18	1C77739	PIN, SPRING, 0.103 X 0.375 LG ATT PT	1	
- 19	251759	RING, RETAINING	2	
- 20	551748	LATCH, LOCK	1	
- 21	558241	STANDOFF	2	
- 22	313289	TERMINAL, LUG, NINS, 20AWG NO.10 MTG HOLE	1	
- 23	32454E	NUT, HEX DOUBLE CHAMFER	1	
- 24	558240	CLAMP	1	
- 25	558234	SCREW, MACHINE, BH, 10-24 X 1-1/8 LG ATT PT	2	
- 26	558238	COLLER	1	
- 27	558248	WELL, 90 DEGREE	1	
- 28	558256	SHELL	1	
- 29	554282	SLEEVE	1	
- 30	249C8C	SCREW, SOCKET H, 8-32 X 1/4 LG ATT PT	1	
- 31	55654C	RELIEF, STAIN	1	
- 32	523176	CONNECTOR, TWO WAY, WIRE SIZE 24-20	16	
- 33	555725	FERRULE, INNER	7	
- 34	555726	TERMINATOR	7	
- 35	334932	TERMINAL, RING, 18-22 AWG, #10 HOLE, INS	1	
- 36	216265	TERMINAL, QUICK DISCON, NCN-INS, 20AWG	6	
- 37	558041	SOCKET CONTACT	30	
- 38	554282	SLEEVE	1	
- 39	249080	SCREW, SOCKET H, 8-32 X 1/4 LG ATT PT	1	
- 40	55694C	RELIEF, STAIN	1	
- 41	556933	PANEL, REAR	1	
- 42	7C0078	SCREW, SELF-TAP, PAN HD, 6-32 X 1/4 LG ATT PT	4	
- 43	556934	CASE, FIELD TESTER	1	
- 44	58207	SCREW, MACH, UNDERCUT BH, 8-32 X 1/4 LG ATT PT	4	
- 45	257189	NUT, HEX, 8-32 ATT PT	4	
- 46	5323472	CABLE ASSEMBLY	1	
- 47	5323473	CABLE ASSEMBLY	1	
- 48	5323474	CABLE ASSEMBLY	1	
- 49	216265	TERMINAL, QUICK DISCON, NCN-INS, 20AWG	25	
- 50	186967	TERMINAL, SPACE, 20-24 AWG, #6 HOLE, NINS	3	

TCOLS AND TEST

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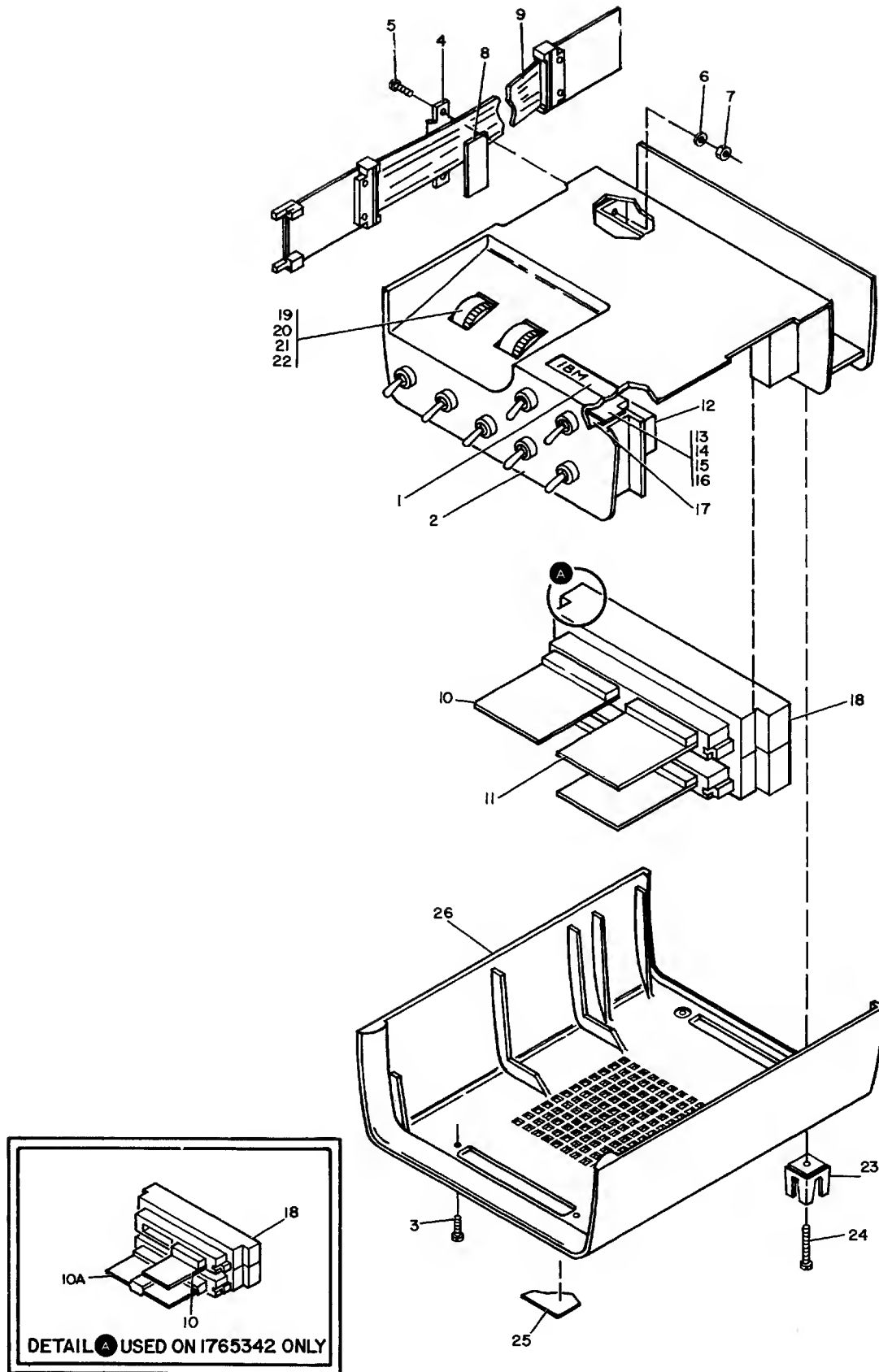


FIGURE 15. FIELD TESTER ASSEMBLY. SEE LIST 15.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		FIELD TESTER ASSEMBLY		
15 -		CODE A USED CN TESTER ASM 2513300 2420 CODE E USED CN TESTER ASM 1765342 2420/3420		
-	2513300	TESTER ASSEMBLY, FIELD	1	
-	1765342	TESTER ASSEMBLY, FIELD	1	
		SEE FIGURE 15 FOR ILLUSTRATION		
- 1	2513320	. NAMEPLATE	1	A
- 1	1765352	. NAMEPLATE	1	B
- 2	2513305	. FACEPLATE	1	A
- 2	1765360	. FACEPLATE	1	B
- 3	81693	. SCREW, MACH, BH, 6-32 X 3/8 LG ATT PT	2	
- 4	2513308	. CLAMP	1	
- 5	35739	. SCREW, MACH, BH, 6-32 X 15/16 LG ATT PT	AR	
- 5	438549	. SCREW, BIND HD- 4-40 X 7/16 LG ATT PT	AR	
- 6	56722	. WASHER, LOCK, EXTERNAL TOOTH NO. 6 ATT PT	AR	
- 6	338169	. WASHER, LOCK, EXT T- NO.4 ATT PT	AR	
- 7	257187	. NUT, FLAIN, HEX 6-32 ATT PT	AR	
- 7	37913	. NUT, HEX- 4-40 ATT PT	AR	
- 8	2513307	. SPACER	1	
- 9	2513316	. CABLE ASSEMBLY, EXTERNAL	1	A
- 9	5802144	. CABLE ASSEMBLY, EXTERNAL	1	B
- 10	5808281	. CARD	1	A
- 10	8216712	. CARD	1	B
- 10A	811364	. GUIDE, CARD	1	B
- 11	5808301	. CARD	1	A
- 12	2513327	. RETAINER	1	
- 13	2513315	. BOARD ASSEMBLY, SWT	1	A
- 13	1175350	. BOARD ASSEMBLY, SWT	1	B
- 14	251970	. SCREW, MACH, BS H, 4-40 X 0.250 LG ATT PT	3	
- 15	257985	. WASHER, FL NC.4 X 0.250 OD X 0.028 THK ATT PT	3	
- 16	257984	. WASHER, LOCK, SPLIT, 1/8 ID X 13/64 OD ATT PT	3	
- 17	2513301	. SPACER	1	
- 18	2513321	. BOARD ASSEMBLY	1	
- 19	2513323	. POT ASSEMBLY, BICCK	1	
- 20	438550	. SCREW, MACH, BH, 4-40 X 1/2 LG ATT PT	1	
- 21	257985	. WASHER, FL NC.4 X 0.250 OD X 0.028 THK ATT PT	1	
- 22	257984	. WASHER, LOCK, SPLIT, 1/8 ID X 13/64 OD ATT PT	1	
- 23	2513302	. PAD	2	
- 24	322550	. SCREW, MACH, BH, 6-32 X 1/2 LG ATT PT	2	
- 25	813769	. DECAL	1	B
- 26	2513304	. BASE	1	A
- 26	1765361	. BASE	1	B

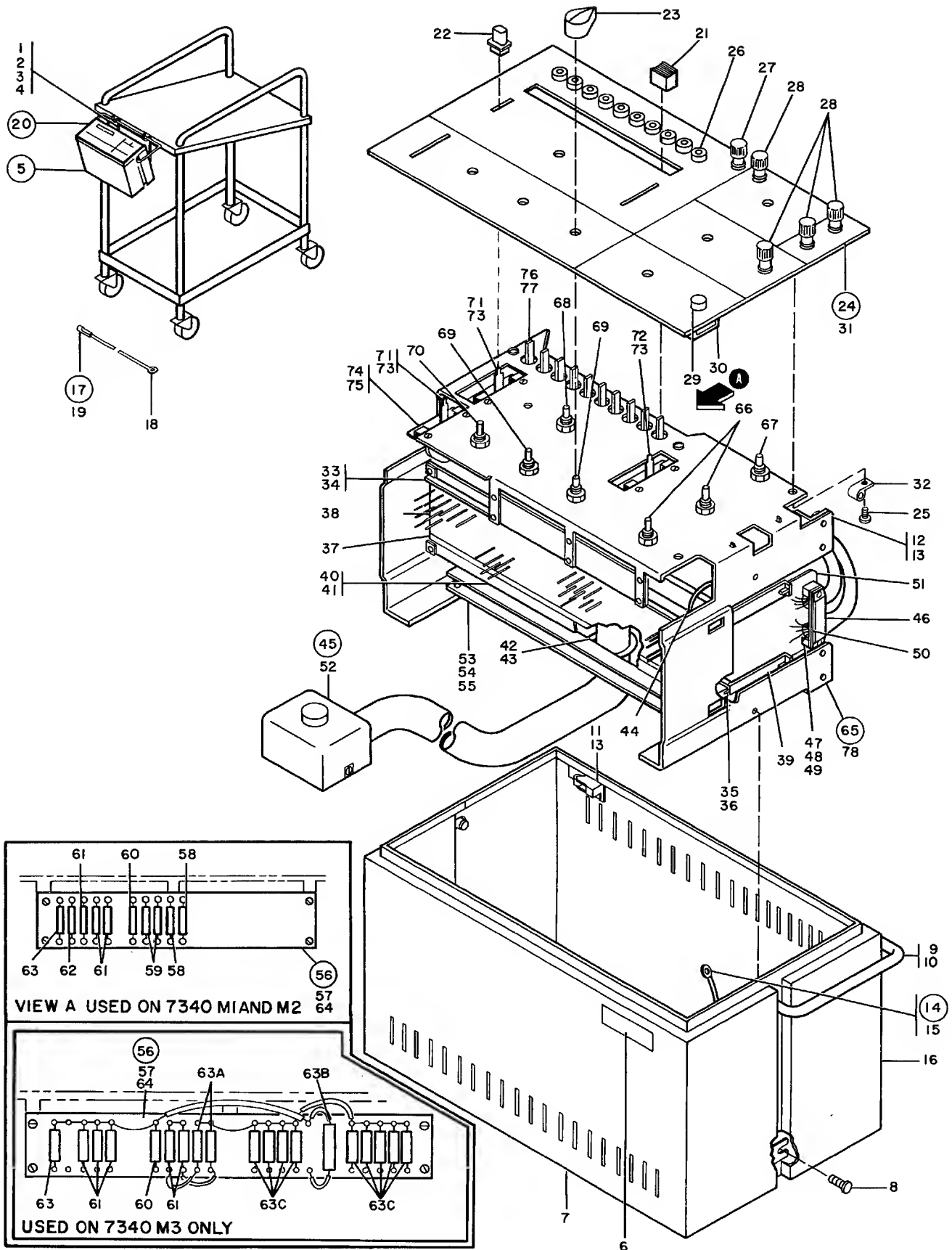


FIGURE 16. FUNCTIONAL TESTERS 7340M1, 7340M2 AND 7340M3. SEE LIST 16.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		FUNCTIONAL TESTERS 7340M1, 7340M2 AND 7340M3		
16 -		CODE A USED CN 7340M1 AND 7340M2 CODE E USED CN 7340M3		
-	461222	TESTER, FUNCTIONAL-7340M1 AND 7340M2	1	A
-	461445	TESTER, FUNCTIONAL-7340M3	1	B
		SEE FIGURE 16 FOR ILLUSTRATION		
- 1	461209	. BRACKET, TESTER MOUNTING	1	
- 2	558	. SCREW, MACH, RH, 10-32 X 1/2 LG ATT PT	3	
- 3	9092	. WASHER, LOCK, SPLIT RING, 0.194ID 0.3370 ATT PT	3	
- 4	11598	. NUT, PLAIN, HEX, 10-32 X 3/8 FL W ATT PT	3	
- 5	461204	. COVER ASSEMBLY	1	
- 6	461212	. . NAMEPLATE	2	
- 7	461218	. . COVER, LOWER	1	
- 8	236849	. . SCREW, MACHINE, RH, 10-32 X 1/4 LG ATT PT	4	
- 9	461219	. . HANDLE	1	
- 10	257982	. . CLIP, RETAINING, E TYPE C.188 DIA GROOVE ATT PT	3	
- 11	513668	. . CATCH, FRICTION LATCH	4	
- 12	513665	. . STRIKE, FRICTION LATCH	4	
- 13	55726	. . SCREW, MACH, BH, 6-32 X C.188 LG ATT PT	16	
- 14	55564	. . JUMPER ASSEMBLY, GRN, 10 IN LG 14AWG	1	
- 15	359695	. . . TERMINAL, RING, 14-16 AWG, NO.10 HOLE INS	2	
- 16	461220	. . COVER, UPPER	1	
- 17	531216C	. . JUMPER ASSEMBLY	1	
- 18	186961	. . TERMINAL, RING, NC. 6 STD, NONINSULATED	1	
- 19	591047	. . TERMINAL, SLIP CN, 18-16 AWG	1	
- 20	461201	. . FRAME ASSEMBLY, FUNCTIONAL TESTER	1	A
- 20	461444	. . FRAME ASSEMBLY, FUNCTIONAL TESTER	1	B
- 21	532429	. . BUTTON, SELECTOR SWITCH	10	
- 22	531219A	. . BUTTON, PUSH, OVAL	3	
- 23	531219C	. . KNOB, RECTARY	7	
- 24	461202	. . PANEL ASSEMBLY, DISPLAY	1	A
- 24	461438	. . PANEL ASSEMBLY, DISPLAY	1	B
- 25	32042	. . SCREW, MACH, BH, 10-32 X 3/8 LG ATT PT	4	
- 26	321357	. . . JACK	10	
- 27	531217E	. . . BINDING POST, BLACK	1	
- 28	5312169	. . . PCST	4	
- 29	5312193	. . . ADAPTER, PUSHBUTTON GUARDED	1	
- 30	365047	. . . SWITCH, PUSH, SEDT 125VAC 1 AMP	1	
- 31	461215	. . . PANEL, CEM DISPLAY	1	
- 31	461436	USED CN 461202 7340M1 AND 7340M2 . . . PANEL, CEM DISPLAY	1	
- 32	515661	USED CN 461438 7340M3 . . CIAMP, LOCK, 3/8 ID 0.204 DIA MTG HOLE	2	
- 33	5312295	. . T-BAR	1	
- 34	438548	. . SCREW, MACH, BH, 4-40 X 3/16 LG ATT PT	2	
- 35	216091	. . ADAPTER, CARD GUIDE	6	
- 36	38264	. . SCREW, MACH, FTL H, 4-40 X 3/8 LG ATT PT	9	
- 37	216265	. . LABEL, NUMBERING L TC R 1 THRU 28	1	
- 38	461205	. . CARD RECEPTACLE	1	A
- 38	461443	. . CARD RECEPTACLE	1	B
- 39	216231	. . GUIDE, CARD, 8 ECS	6	
- 40	5312161	. . T-BAR	1	
- 41	38433	. . SCREW, MACH, FH, 4-40 X 1/4 LG ATT PT	2	
- 42	5312183	. . CIAMP, CABLE	1	
- 43	11598	. . NUT, PLAIN, HEX, 10-32 X 3/8 FL W ATT PT	2	
- 44	461207	. . CABLE	1	A
- 44	461440	. . CABLE	1	B
- 45	461206	. . CABLE ASSEMBLY	1	A
- 45	461441	. . CABLE ASSEMBLY	1	B
- 46	216208	. . . CIAMP, CABLE CONNECTOR	5	
- 47	216209	. . . SUPPORT, CABLE CONNECTOR CARD	5	
- 48	338238	. . . SCREW, MACH, BH, 4-40 NC X 0.3125 LG ATT PT	15	
- 49	1103744	. . . WASHER, SPRING TENS, 0.126 ID X 0.281 OD ATT PT USED ON 461206 7340M1 AND 7340M2	15	
- 50	216210	. . . SPACER, CABLE CONNECTOR ATT PT	5	
- 51	451349	. . . CARD ASSEMBLY ATT PT	5	
- 52	591752	. . . CCNNECTOR ASSEMBLY USED CN 461206 7340M1 AND 7340M2	1	
- 52	5356057	. . . CCNNECTOR USED CN 461441 7340M3	1	
- 53	461214	. . BRACKET, CABLE MOUNTING	1	
- 54	236849	. . SCREW, MACHINE, BH, 10-32 X 1/4 LG ATT PT	2	
- 55	45690	. . WASHER, FL, NC.10 X 7/16 OD X 1/32 THK ATT PT	2	

TOOLS AND TEST

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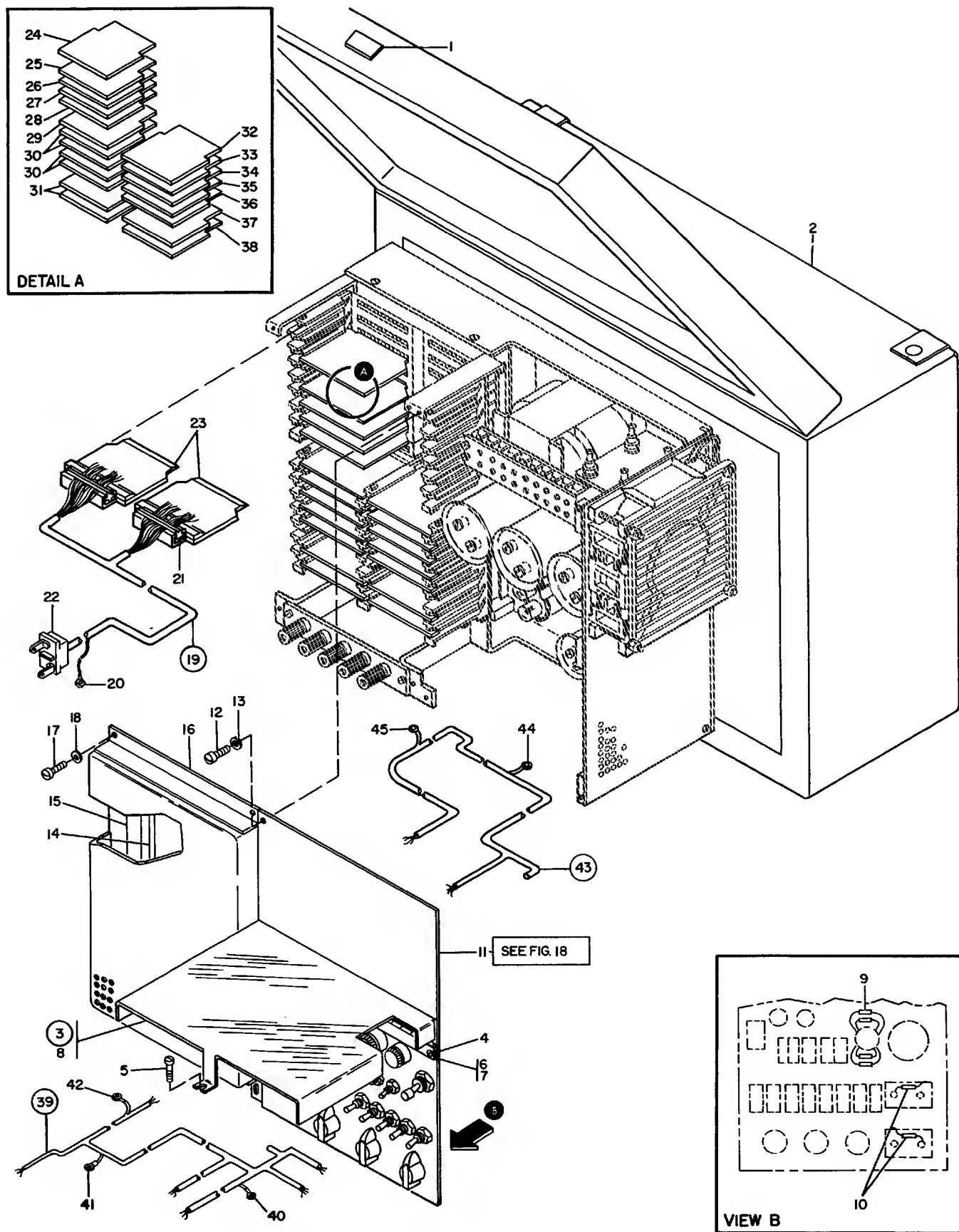


FIGURE 17. COMMUNICATIONS SYSTEM SIMULATOR. SHEET 1 OF 2. INDEX NOS. 1-45. SEE LIST 17.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		COMMUNICATIONS SYSTEM SIMULATOR		
17 -	452394	SIMULATOR, COMMUNICATIONS SYSTEM	1	
- 1	743033	SEE FIGURE 17 FOR ILLUSTRATION		
- 2	822676	. NAMEPLATE	1	
- 3	822698	. CASE	1	
- 4	81693	. COVER ASSEMBLY	1	
- 5	55726	. SCREW, MACH, BH, 6-32 X 3/8 LG ATT PT	2	
- 6	822697	. SCREW, MACH, BH, 6-32 X 0.188 LG ATT PT	1	
- 7	438566	. . HINGE	1	
- 8	822696	. . SCREW, MACH, BH, 6-32 X 0.125 LG ATT PT	3	
- 9	479128	. . COVER, PANEL	1	
- 10	2166333	. RESISTOR, FILM, 3.01K, 1%, 0.125W	4	
- 11	822677	. SEMICONDUCTOR DEVICE	2	
- 12	38235	. PANEL ASSEMBLY	1	
- 13	56722	SEE LIST 18 FOR DETAIL BREAKDOWN		
- 14	475465	. SCREW, MACH, BH, 6-32 X 0.312 LG ATT PT	4	
- 15	301356	. WASHER, LOCK, EXTERNAL TOOTH NO. 6 ATT PT	4	
- 16	822681	. SEAL, COVER	AR	
- 17	10170	. STRIP, SEALING	AR	
- 18	257986	. COVER, CHASSIS	1	
- 19	822654	. SCREW, MACH, BH, 6-32 X 1/4 LG ATT PT	4	
- 20	556255	. WASHER, FLAT, NO. 6 X 0.312 OD ATT PT	4	
- 21	216300	. CABLE ASSEMBLY	1	
- 22	195000	. . TERMINAL, SLIP ON, 24-20 AWG	1	
- 23	216304	. . PLUG, STRAIN RELIEF	2	
- 24	372826	. . CONNECTOR, LAMP, 2 PIN	1	
- 25	373485	. . STRAIN RELIEF	2	
- 26	373486	. CARD ASSEMBLY, HPY	1	
- 27	374143	. CARD ASSEMBLY, EDD	1	
- 28	374133	. CARD ASSEMBLY, EDE	1	
- 29	372718	. CARD ASSEMBLY, HPK	1	
- 30	372006	. CARD ASSEMBLY, UGY	1	
- 31	370262	. CARD ASSEMBLY, YYG	1	
- 32	372737	. CARD ASSEMBLY, YZY	4	
- 33	372016	. CARD ASSEMBLY, DHE	2	
- 34	372009	. CARD ASSEMBLY, ZTP	1	
- 35	372010	. CARD ASSEMBLY, ZCK	1	
- 36	371501	. CARD ASSEMBLY, ZCB	1	
- 37	372610	. CARD ASSEMBLY, ZCC	1	
- 38	372008	. CARD ASSEMBLY, GJ	1	
- 39	822655	. CARD ASSEMBLY, ZKZ	1	
- 40	556255	. CARD ASSEMBLY, ZQA	1	
- 41	334768	. CABLE ASSEMBLY	3	
- 42	334921	. . TERMINAL, SLIP CN, 24-20 AWG	10	
- 43	822656	. . TERMINAL, RING, 16-22 AWG 1/4 MTG HOLE	8	
- 44	92784	. . TERMINAL, RING, 18-22 AWG, #6 HOLE, INS	1	
- 45	334921	. CABLE ASSEMBLY	1	
		. . TERMINAL, RING, 18-22 AWG, NO.8 HOLE, INS	7	
		. . TERMINAL, RING, 18-22 AWG, #6 HOLE, INS	1	

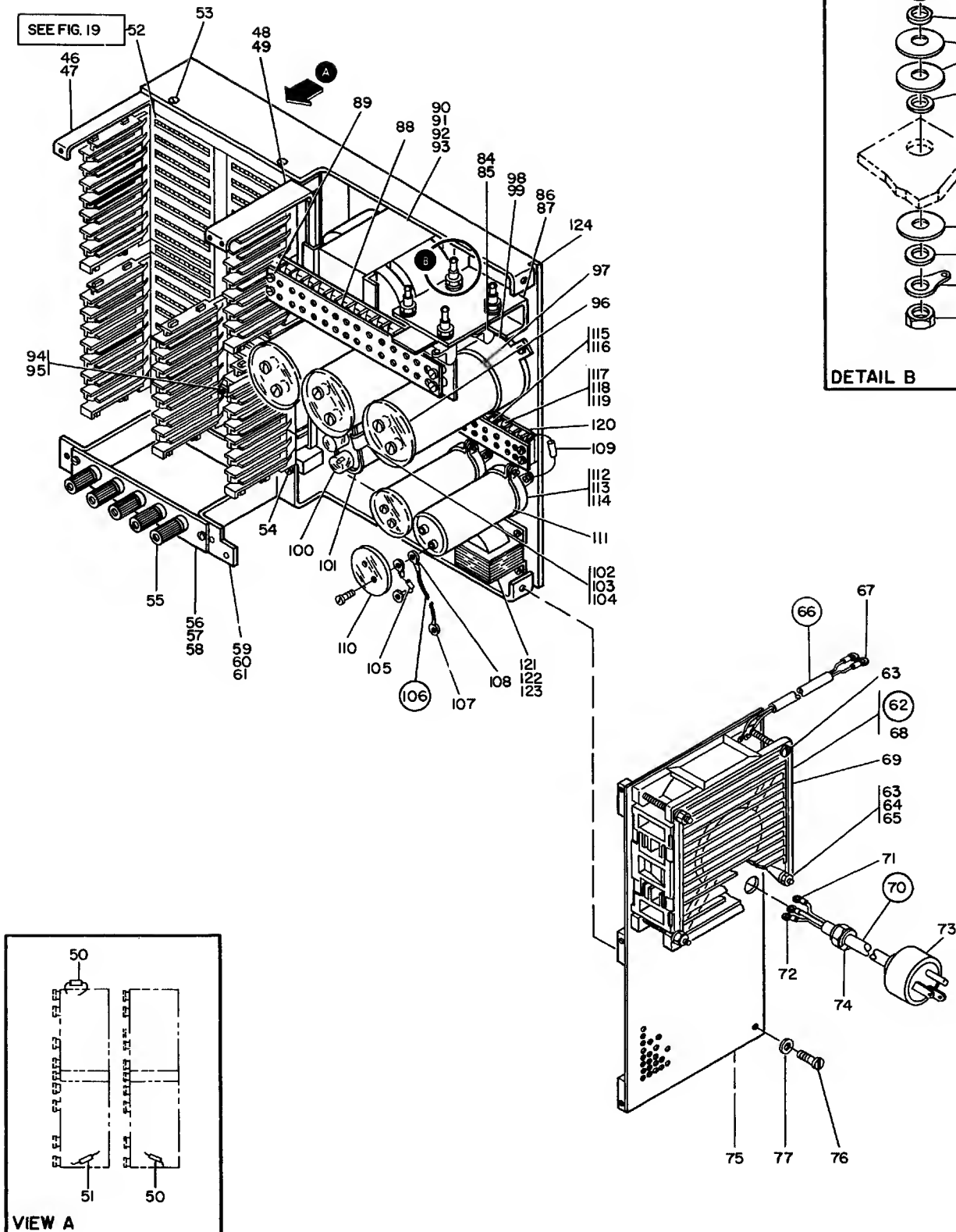


FIGURE 17. COMMUNICATIONS SYSTEM SIMULATOR. SHEET 2 OF 2. INDEX NOS. 46-124. SEE LIST 17.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
17 - 46	822684	. BRACKET, COVER, SUPPORT	1	
- 47	443	. SCREW, MACH, FIL H, 10-32 X 3/8 LG ATT PT	1	
- 48	822683	. BRACKET, COVER, SUPPORT	1	
- 49	3838C	. SCREW, MACH, FIL H, 10-32 X 1/4 LG ATT PT	1	
- 50	210967	. CAPACITOR ASSEMBLY, 16PF	2	
- 51	822661	. RESISTOR ASSEMBLY	1	
- 52	822678	. CHASSIS ASSEMBLY	1	
- 53	49814	SEE LIST 19 FOR DETAIL BREAKDOWN		
- 54	32617	. SCREW, MACH, FH, 10-32 X 7/16 LG ATT PT	1	
- 55	450954	. SCREW, MACH, BH, 10-32 X 0.438 LG ATT PT	2	
- 56	822692	. POST, BINDING	5	
- 57	10170	. PLATE, MOUNTING	1	
- 58	257986	. SCREW, MACH, BH, 6-32 X 1/4 LG ATT PT	2	
- 59	822688	. WASHER, FLAT, NC. 6 X 0.312 OD ATT PT	2	
- 60	28413	. BRACKET, MOUNTING	1	
- 61	45690	. SCREW, MACH, BH, 10-32 X 5/16 LG ATT PT	2	
- 62	822671	. WASHER, FL, NC.10 X 7/16 OD X 1/32 THK ATT PT	2	
- 63	438572	. FAN ASSEMBLY	1	
- 64	257986	. SCREW, MACH, UNDERCT BH, 6-32 X 2 LG ATT PT	4	
- 65	257187	. WASHER, FLAT, NC. 6 X 0.312 OD ATT PT	3	
- 66	520539	. NUT, PLAIN, HEX 6-32 ATT PT	3	
- 67	334921	. . JUMPER ASSEMBLY	2	
- 68	557300	. . . TERMINAL, RING, 18-22 AWG,#6 HOLE, INS	1	
- 69	177946	. . . FAN, AXIAL, 115V AC 1PH 60 HZ	1	
- 70	822659	. GUARD, FAN	1	
- 71	334768	. AC CORD ASSEMBLY	1	
- 72	334921	. . . TERMINAL, RING, 16-22 AWG 1/4 MTG HOLE	1	
- 73	256341	. . . TERMINAL, RING, 18-22 AWG,#6 HOLE, INS	2	
- 74	107611	. . . PLUG, GROUNDED COMMERCIAL, 125V 15A	1	
- 75	822687	. RUSHING	1	
- 76	55726	. COVER, SIDE	1	
- 77	56722	. SCREW, MACH, BH, 6-32 X 0.188 LG ATT PT	1	
- 78	558479	. WASHER, LOCK, EXTERNAL TIGHT NO. 6 ATT PT	1	
- 79	11598	. SEMICONDUCTOR DEVICE, DIODE, 150V 10A	4	
- 80	45690	. NUT, FLAIN, HEX, 10-32 X 3/8 FL W ATT PT	4	
- 81	316996	. WASHER, FL, NO.10 X 7/16 OD X 1/32 THK ATT PT	8	
- 82	217019	. TERMINAL, LUG, NINS, 9AWG NO. 8 MTG HOLE	4	
- 83	473582	. WASHER, INSULATING	8	
- 84	5240459	. INSULATOR	4	
- 85	251970	. RESISTOR, FIXED, 25 OHM 25W	2	
- 86	822689	. SCREW, MACH, BS H, 4-40 X 0.250 LG ATT PT	4	
- 87	58207	. BRACKET, MOUNTING	1	
- 88	187470	. SCREW, MACH, UNDERCT BH, 8-32 X 1/4 LG ATT PT	2	
- 89	210984	. SHIELD, TERMINAL BOARD	1	
- 90	5240455	. SCREW, MACH, RD HD, 6-32 X 0.250LG ATT PT	1	
- 91	28413	. TRANSFORMER, 60 HZ	1	
- 92	56079	. SCREW, MACH, BH, 10-32 X 5/16 LG ATT PT	4	
- 93	45690	. WASHER, LOCK, EXT TEETH, 0.195ID 0.410OD ATT PT	4	
- 94	822685	. WASHER, FL, NO.10 X 7/16 OD X 1/32 THK ATT PT	4	
- 95	38380	. BRACKET, MOUNTING	1	
- 96	750342	. SCREW, MACH, FIL H, 10-32 X 1/4 LG ATT PT	1	
- 97	208224	. COVER, CAPACITOR	3	
- 98	320456	. CAPACITOR, FXD ELEC, 14KMF D P150M10%13V	3	
- 99	58207	. BRACKET, CAPACITOR MOUNTING	3	
- 100	526378	. SCREW, MACH, UNDERCT BH, 8-32 X 1/4 LG ATT PT	9	
- 101	5240458	. INSULATION	1	
- 102	621446	. CAPACITOR, PAPER, 5MED P/M 6% 330VAC	1	
- 103	337	. CLAMP	2	
- 104	1050873	. SCREW, MACH, FIL H, 8-32 X 3/8 LG ATT PT	2	
- 105	629576	. WASHER, LOCK, SPLIT RING, 0.168ID, 0.296OD ATT PT	2	
- 106	822695	. RESISTOR ASSEMBLY	2	
- 107	334768	. JUMPER ASSEMBLY	1	
- 108	334921	. . . TERMINAL, RING, 16-22 AWG 1/4 MTG HOLE	1	
- 109	737806	. . . TERMINAL, RING, 18-22 AWG,#6 HOLE, INS	1	
- 110	361503	. CAPACITOR ASM	2	
- 111	483107	. COVER, CAPACITOR	2	
- 112	301750	. CAPACITOR, 3100MFD	2	
- 113	58207	. CLAMP, RETAINING-CAPACITOR	2	
- 114	60646	. SCREW, MACH, UNDERCT BH, 8-32 X 1/4 LG ATT PT	4	
- 115	191480	. WASHER, LOCK, INT TEETH, NO. 8 ATT PT	4	
- 116	210984	. SHIELD, 8 POSITION	1	
- 117	322766	. SCREW, MACH, RD HD, 6-32 X 0.250LG ATT PT	1	
- 118	210884	. BLOCK, TERMINAL	1	
- 119	210883	. STUD, SHIELD MOUNTING, NO. 6-32 ATT PT	1	
- 120	322267	. STUD, SHIELD MTG, TAPPED, NC. 6-32 ATT PT	3	
- 121	629577	. MARKER STRIP, 8 POS NOS. 1 THRU 8	1	
- 122	58207	. CHOKE ASSEMBLY	2	
- 123	60646	. SCREW, MACH, UNDERCT BH, 8-32 X 1/4 LG ATT PT	8	
- 124	822680	. WASHER, LOCK, INT TEETH, NC. 8 ATT PT	8	
		. CHASSIS	1	

FOR PARTS
NOT SHOWN
SEE FIG. 17

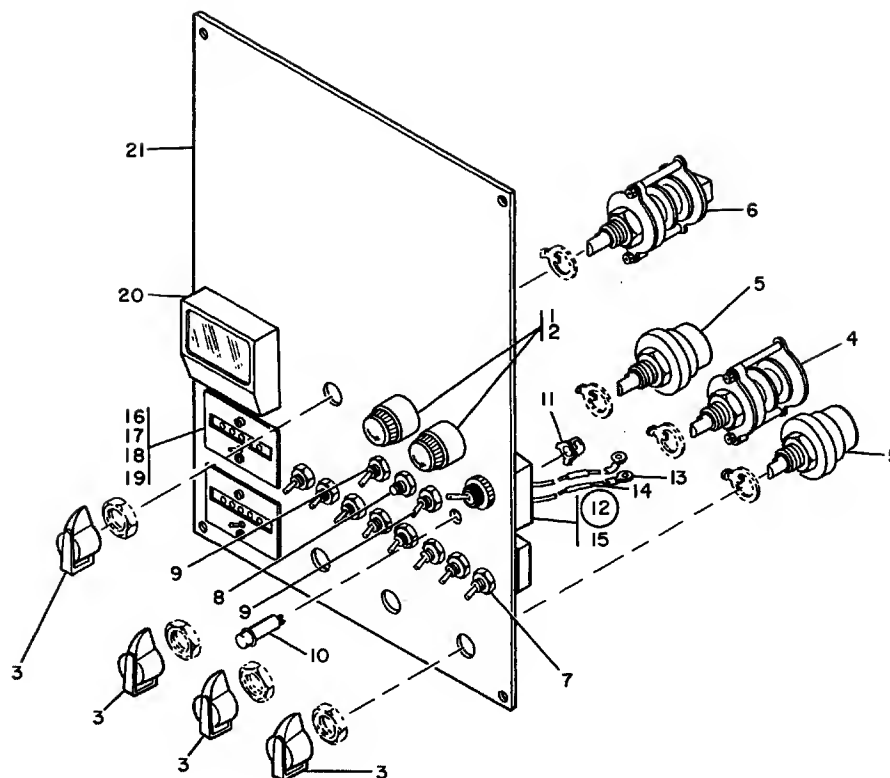


FIGURE 18. CONTROL PANEL ASSEMBLY. SEE LIST 18.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		CCNTRCL PANEL ASSEMBLY		
18 -	822677	CONTRCI PANEL ASSEMBLY SEE LIST 17-11 FOR NEXT HIGHER ASSEMBLY AND FIG. 18 FOR ILLUSTRATION	REF	
- 1	78952	. FUSE, CART, TIME DELAY, 250V D.8A	2	
- 2	175946	. HOLDER, FUSE	2	
- 3	317173	. KNOB, BAR TYPE WITH POINTER	4	
- 4	741861	. SWITCH, RCTARY, 5 POSITION	1	
- 5	724485	. SWITCH, RCTARY, 3 POSITION	2	
- 6	822670	. SWITCH, RCTARY, TRANSCHEMER	1	
- 7	365048	. SWITCH, SENSITIVE SPDT	8	
- 8	365047	. SWITCH, PUSH, SPDT 125VAC 1 AMP	1	
- 9	368164	. SWITCH, TCGGLE, SPDT	2	
- 10	550511	. LAMP, INCANDESCENT, 10V 14 MA	1	
- 11	368168	. CLIP, SPEED	1	
- 12	822675	. SWITCH ASSEMBLY	1	
- 13	334921	. . TERMINAL, RING, 18-22 AWG, #6 HOLE, INS	2	
- 14	347181	. . TERMINAL, QUICK DISCONNECT	2	
- 15	725435	. . SWITCH, TCGGLE, DEST	1	
- 16	822650	. COUNTER, IMPULSE	2	
- 17	288	. SCREW, MACH, FL CSK H, 3-48 X 1/4 LG	4	ATT PT
- 18	1091111	. WASHER, LOCK, INT TEETH NO. 3 X 0.225 OD	4	ATT PT
- 19	8506	. NUT, PLAIN, HEX, 3-48 X 3/16 FL W	4	ATT PT
- 20	822653	. METER	1	
- 21	822682	. PANEL, CONTRCI	1	

FOR PARTS
NOT SHOWN
SEE FIG. 17

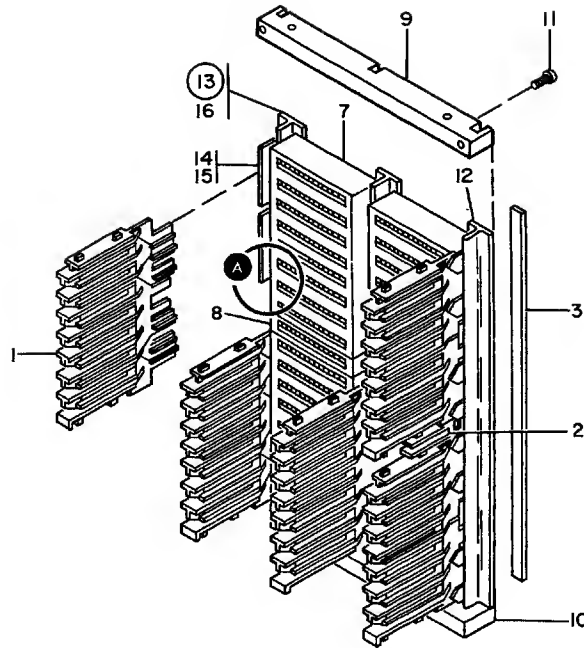
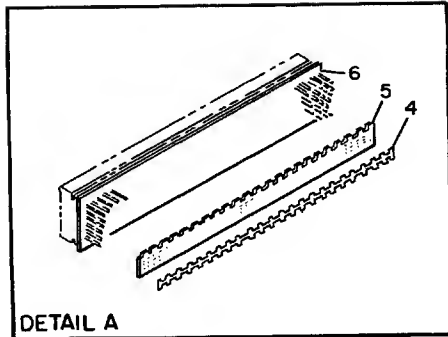


FIGURE 19. CHASSIS ASSEMBLY. SEE LIST 19.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		CHASSIS ASSEMBLY		
19 -	822678	CHASSIS ASSEMBLY SEE LIST 17-52 FOR NEXT HIGHER ASSEMBLY AND FIG. 19 FOR ILLUSTRATION	REF	
- 1	216085	. GUIDE, CARD, 8 POSITION LONG	5	
- 2	216206	. GUIDE, SINGLE CARD LONG	1	
- 3	216285	. LABEL, NUMBERING 1 TO R 1 THRU 28	3	
- 4	212822	. BUS BAR, CHAIN VOLTAGE	AR	
- 5	216266	. INSULATOR, PLATE, BACK PANEL, 26 POS	2	
- 6	212775	. CARD, BACK PANEL, 26 POSITION	2	
- 7	216083	. CARD RECEPTACLE ASSEMBLY	4	
- 8	216076	. TERMINAL BLOCK AND CONTACT ASSEMBLY	2	
- 9	822691	. BAR, MOUNTING, REAR	1	
- 10	822690	. BAR, MOUNTING, FRONT	1	
- 11	10170	. SCREW, MACH, BH, 6-32 X 1/4 LG ATT PT	6	
- 12	822686	. T-BAR	2	
- 13	822679	. ADAPTER ASSEMBLY	1	
- 14	216091	. . ADAPTER, CARD GUIDE	2	
- 15	38264	. . SCREW, MACH, FIL H, 4-40 X 3/8 LG ATT PT	4	
- 16	822693	. . T-BAR, ADAPTER	1	

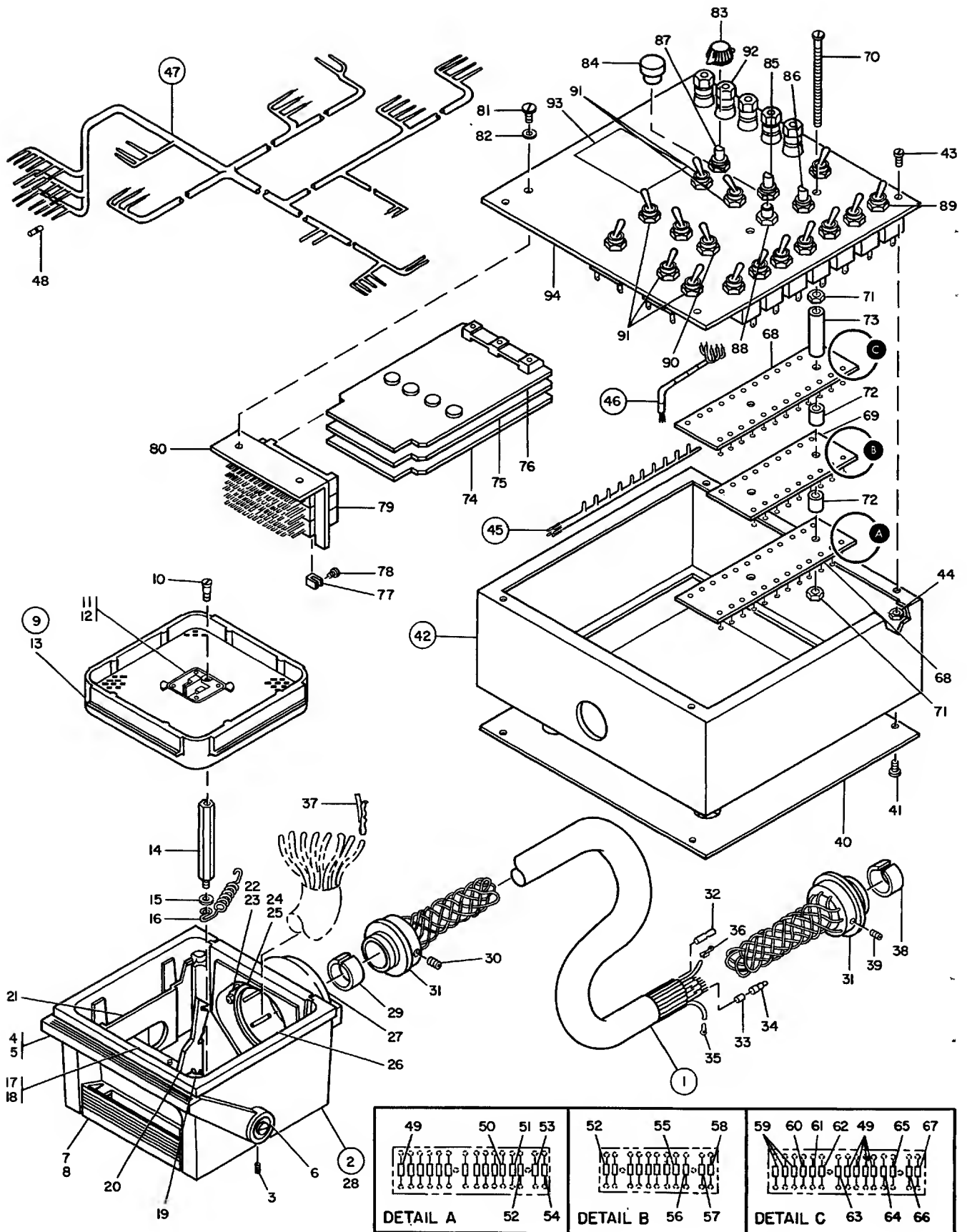


FIGURE 20. 729/7330 FIELD TESTER ASSEMBLY. SEE LIST 20.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		729/7330 FIELD TESTER ASSEMBLY		
20 -	461390	TESTER ASSEMBLY, FIELD, 729/7330 SEE FIGURE 20 FOR ILLUSTRATION	1	
- 1	5344924	. CABLE ASSEMBLY, MAIN TESTER	1	
- 2	598237	. . . CCNNECTOR ASSEMBLY	1	
- 3	311546	. . . SCREW, SOCKET H, 10-32 X 1/4 LG	4	
- 4	551607	. . . HANDLE, LATCHING	1	
- 5	591747	. . . SCREW, RELIEVED BODY, SLOT H, 10-32 ATT PT	2	
- 6	591608	. . . INSERT, LATCHING HANDLE	1	
- 7	551605	. . . HANDLE, CARRIER	1	
- 8	223779	. . . SCREW, SELF-TAP, BH, NO. 8 X 1/2 LG ATT PT	2	
- 9	598253	. . . BCARD AND KEEPER PLATE ASSEMBLY	1	
- 10	551745	. . . SCREW, RELIEVED BODY, SLOT H, 6-32 ATT PT	1	
- 11	551640	. . . KEEPER, 200 PART OF BOARD & KEEPER PLATE	1	
- 12	591641	. . . SCREW, SHOULDER KEEPER PLATE MTG, 3.6-32 ATT PT	4	
- 13	558688	. . . BCARD, 200 CEN WIRE LOW VOLTAGE CONN PART OF BOARD & KEEPER PLATE	1	
- 14	551750	. . . STD, BCARD MOUNTING	1	
- 15	557575	. . . WASHER, FLAT, 0.390 X 0.2180D X 0.045THK	1	
- 16	557578	. . . SPRING, LATCH CCNNECTOR	1	
- 17	551746	. . . SHAFT, CAM	1	
- 18	1077739	. . . PIN, SPRING, 0.103 X 0.375 LG ATT PT	1	
- 19	251759	. . . RING, RETAINING	2	
- 20	551748	. . . LATCH, ROCK	1	
- 21	598241	. . . STANDOFF	2	
- 22	313285	. . . TERMINAL, LUG, NINS, 20AWG NO.10 MTG HOLE	1	
- 23	324548	. . . NUT, HEX DOUBLE CHAMFER ATT PT	1	
- 24	558240	. . . CLAMP	1	
- 25	598234	. . . SCREW, MACHINE, BH, 10-24 X 1-1/8 LG ATT PT	2	
- 26	598238	. . . COLLAR	1	
- 27	558248	. . . WELL, 90 DEGREE	1	
- 28	558256	. . . SHELL	1	
- 29	594282	. . . SLEEVE	1	
- 30	249080	. . . SCREW, SOCKET H, 8-32 X 1/4 LG ATT PT	1	
- 31	556940	. . . RELIEF, STAIN	2	
- 32	523176	. . . CCNNECTOR, TWO WAY, WIRE SIZE 24-20	16	
- 33	555725	. . . FERRULE, INNER	7	
- 34	555726	. . . TERMINATOR	7	
- 35	334932	. . . TERMINAL, RING, 18-22 AWG, #10 HOLE, INS	1	
- 36	596255	. . . TERMINAL, SLIP CN, 24-20 AWG	3	
- 37	558041	. . . SOCKET CONTACT	30	
- 38	554282	. . . SLEEVE	1	
- 39	249080	. . . SCREW, SOCKET H, 8-32 X 1/4 LG ATT PT	1	
- 40	556933	. . . PANEL, REAR	1	
- 41	70078	. . . SCREW, SELF-TAP, PAN HD, 6-32 X 1/4 LG ATT PT	4	
- 42	556934	. . . CASE, FIELD TESTER	1	
- 43	58207	. . . SCREW, MACH, UNDERCT EH, 8-32 X 1/4 LG ATT PT	4	
- 44	257189	. . . NUT, HEX, 8-32 ATT PT	4	
- 45	5323472	. . . CABLE ASSEMBLY	1	
- 46	5323473	. . . CABLE ASSEMBLY	1	
- 47	5344923	. . . CABLE ASSEMBLY	1	
- 48	556255	. . . TERMINAL, SLIP CN, 24-20 AWG	20	
- 49	360902	. . . RESISTOR, FXD CCMP, 270 MEG, P/M 5% 1/2W	14	
- 50	334914	. . . RESISTOR, FXD CCMP, 6.2K, 5%, 1/2W	1	
- 51	322347	. . . RESISTOR, FXD CCMP, 560 OHMS, P/M 5% 1/2W	1	
- 52	317016	. . . RESISTOR, FXD CCMP, 820 OHMS, P/M 5% 1/2W	8	
- 53	317016	. . . RESISTOR, FXD, 1.6K, P/M 5% 1/2W	1	
- 54	528486	. . . RESISTOR, 910 OHMS P/M 5% 1/2W	1	
- 55	317018	. . . RESISTOR, FXD, 300 OHMS, 1/2W	1	
- 56	300720	. . . RESISTOR, FXD CCMP, 7.5K P/M 5% 1/2W	1	
- 57	317012	. . . RESISTOR, FXD CCMP, 510 OHMS, P/M 5% 1/2W	1	
- 58	317430	. . . RESISTOR, FXD CCMP, 5.6K, P/M 5% 1/2W	1	
- 59	424133	. . . CAPACITOR, ELECTROLYTIC, 10MED, 15VDC	3	
- 60	492540	. . . CAPACITOR, TANTALUM	1	
- 61	350432	. . . CAPACITOR, FIXED	1	
- 62	350475	. . . CAPACITOR, 1200PF, P/M 10%, 200VDC	1	
- 63	492403	. . . CAPACITOR, 0.0024MFD, P/M 5%, 10VDC	1	
- 64	350447	. . . CAPACITOR, 560PF, P/M 10%, 20VDC	1	
- 65	350444	. . . CAPACITOR, 470PF, P/M 10%, 200VDC	1	
- 66	350422	. . . CAPACITOR, 56PF, P/M 10%, 200VDC	1	
- 67	492473	. . . CAPACITOR, ELECT, 33MED P/M 20% 20V	1	

TCOLS AND TEST

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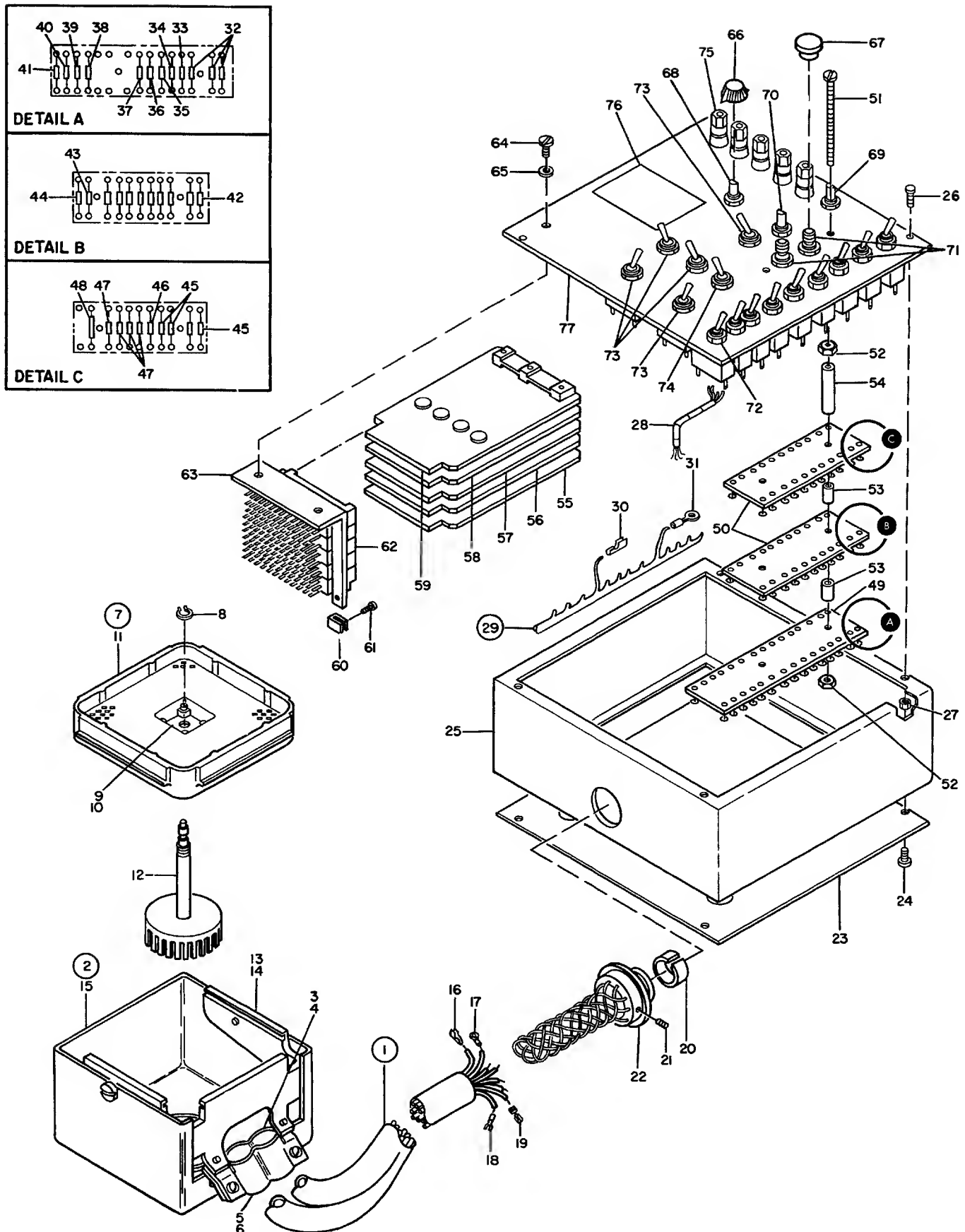


FIGURE 21. 2401 FIELD TESTER ASSEMBLY. SEE LIST 21.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		2401 FIELD TESTER ASSEMBLY		
21 -	461413	TESTER ASSEMBLY, FIELD, 2401 SEE FIGURE 21 FOR ILLUSTRATION	1	
- 1	5356053	. CABLE ASSEMBLY, MAIN TESTER	1	
- 2	551752	. . . CONNECTOR ASSEMBLY	1	
- 3	551755	. . . CIAMP	1	
- 4	322620	. . . SCREW, MACH, BH 10-32 X 1/2 LG ATT PT	2	
- 5	591754	. . . EFACE	1	
- 6	236849	. . . SCREW, MACHINE, BH, 10-32 X 1/4 LG ATT PT	2	
- 7	551766	. . . BLOCK ASSEMBLY	1	
- 8	234453	. . . RING, RETAINING ATT PT	1	
- 9	551774	. . . BASE, CBM PART OF BLOCK ASM	1	
- 10	25672	. . . SCREW, MACHINE ATT PT	2	
- 11	558688	. . . BOARD, 200 CERN WIRE LOW VOLTAGE CONN PART OF BLOCK ASM	1	
- 12	551769	. . . RETAINER	1	
- 13	591753	. . . FRAME PART OF BLOCK ASM	1	
- 14	236849	. . . SCREW, MACHINE, BH, 10-32 X 1/4 LG ATT PT	2	
- 15	551765	. . . HOOD	1	
- 16	216265	. . . TERMINAL, QUICK DISCON, NON-INS, 20AWG	9	
- 17	334932	. . . TERMINAL, RING, 18-22 AWG, #10 HOLE, INS	1	
- 18	591649	. . . TERMINATION, COAXIAL-SPLICE	10	
- 19	598041	. . . SOCKET CONTACT	30	
- 20	594282	. SLEEVE	1	
- 21	249080	. SCREW, SOCKET H, 8-32 X 1/4 LG ATT PT	1	
- 22	556940	. RELIEF, STAIN	1	
- 23	556933	. PANEL, REAR	1	
- 24	70078	. SCREW, SELF-TAP, PAN HD, 6-32 X 1/4 LG ATT PT	4	
- 25	5356054	. CASE, FIELD TESTER	1	
- 26	58207	. SCREW, MACH, UNFCT BH, 8-32 X 1/4 LG ATT PT	4	
- 27	257189	. NUT, HEX, 8-32 ATT PT	4	
- 28	5356051	. CABLE ASSEMBLY	1	
- 29	5356052	. CABLE ASSEMBLY	1	
- 30	216265	. . . TERMINAL, QUICK DISCON, NON-INS, 20AWG	22	
- 31	334932	. . . TERMINAL, RING, 18-22 AWG, #10 HOLE, INS	6	
- 32	424193	. CAPACITOR, ELECTROLYTIC, 100MFD, 15VDC	3	
- 33	492540	. CAPACITOR, TANTALUM	1	
- 34	350432	. CAPACITOR, FIXED	1	
- 35	350475	. CAPACITOR, 1200PF, F/M 10%, 200VDC	1	
- 36	217027	. CAPACITOR, FILM, 0.0036MFD, 5% 100VDC	1	
- 37	317018	. RESISTOR, FXD, 1.6K, PM 5% 1/2W	1	
- 38	217025	. CAPACITOR, FILM, 0.0043MFD, 5%, 100VDC	1	
- 39	350444	. CAPACITOR, 470PF, F/M 10%, 200VDC	1	
- 40	491226	. CAPACITOR, CERAMIC, 300PF, 5%, 500VDC	1	
- 41	492473	. CAPACITOR, ELECT, 33MFD F/M 20% 20V	1	
- 42	317016	. RESISTOR, FXD CCMP, 820 OHMS, P/M 5% 1/2W	9	
- 43	300720	. RESISTOR, FXD CCME, 7.5K P/M 5% 1/2W	1	
- 44	31701E	. RESISTOR, FXD, 1.6K, PM 5% 1/2W	1	
- 45	317004	. RESISTOR, FXD CARBON, 120 OHMS, 1/2W	4	
- 46	492592	. CAPACITOR, 0.1MFD 100V	1	
- 47	528937	. RESISTOR, FXD, FILM 360 OHMS P/M 5% 1/2W	4	
- 48	365639	. SEMICONDUCTOR DEVICE, DIODE	1	
- 49	5344922	. TERMINAL BOARD	1	
- 50	535058	. TERMINAL BOARD	2	
- 51	556519	. SCREW, MACH, BH, 6-32 X 3 LG ATT PT	2	
- 52	257187	. NUT, PLAIN, HEX 6-32 ATT PT	4	
- 53	5344926	. SPACER	4	
- 54	556935	. SPACER	2	

TCOLS AND TEST

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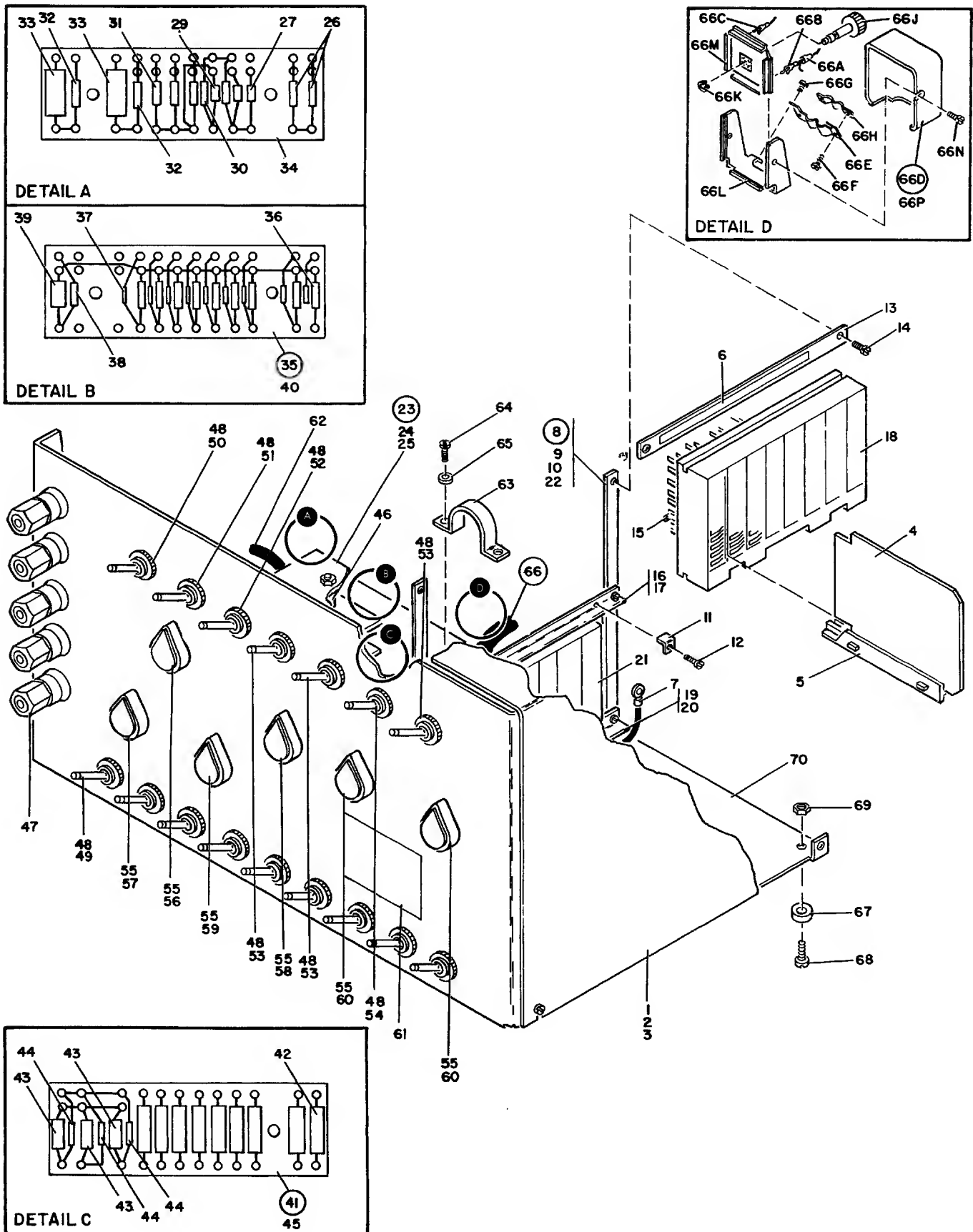


FIGURE 21A. 2400 FIELD TAPE UNIT TESTER ASSEMBLY. SEE LIST 21A.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		2400 TAPE UNIT TESTER		
21A-	5420330	TESTER ASM SEE FIGURE 21A FOR ILLUSTRATION	1	
- 1	5420332	. COVER	1	
- 2	1C170	. SCREW-MACH,BIND HD NO. 6-32 X .250 LG ATT PT	4	
- 3	2502872	. CHANNEL	1	
- 4	375C68	. CARD ASM,TSTF-VARIABLE FREQ. OSC.	1	
- 4	372155	USED IN POSITION A1 . CARD ASM,TSTR-GATED TRIGGER	1	
- 4	37C860	USED IN POSITION A2 . CARD ASM,TSTF-MCID CVER SINGLE SHOT	1	
- 4	374492	USED IN POSITION A3 . CARD ASM,TSTR-WRITE BUSS LINE DRIVER	4	
- 4	372182	USED IN POSITION A4,A5,A6,A7 . CARD ASM,TSTF-CTEL 3-20MS,120-800MS	1	
- 4	372C80	USED IN POSITION B1 . CARD ASM,TSTR-CTRI NPI MULTIFLEX REC.	1	
- 4	37C805	USED IN POSITION B2 . CARD ASM,TSTR-SDTEL INVERTER,COMPENSATED	1	
- 4	372C79	USED IN POSITION B3 . CARD ASM,TSTF-CTRI TC SRETL DRIVER	1	
- 4	37C421	USED IN POSITION B4 . CARD ASM,TSTR-PEAK DETECTOR INTEGRATOR	1	
- 4	374900	USED IN POSITION B6 . CARD ASM,TSTR-SENSE AMP RECT. AND CLIP.	1	
- 5	216C85	USED IN POSITION B7 . GUIDE-CARD 8 POSITION LONG	2	
- 6	216286	. LABEL-NUMBERING R TO L 1 THRU 28	1	
- 7	5367909	. JUMPER ASSEMBLY-GREEN WIRE	1	
- 8	5420336	. CHASSIS ASSEMBLY-CARD	1	
- 9	1C170	. SCREW-MACH,BIND HD NO. 6-32 X .250 LG ATT PT	2	
- 10	56722	. WASHER,LOCK-EXT T .141 ID ATT PT	1	
- 11	528478	. CLIP	2	
- 12	38350	. SCREW,MACH-FIL H 6-32 X 1/4 LG ATT PT	2	
- 13	5420340	. RAIL	1	
- 14	38350	. SCREW,MACH-FIL H 6-32 X 1/4 LG ATT PT	2	
- 15	216215	. BUS-GROUND PLANE	AR	
- 16	5420339	. RAIL	1	
- 17	38350	. SCREW,MACH-FIL H 6-32 X 1/4 LG ATT PT	2	
- 18	5420346	. RECEPTACLE ASSEMBLY,CARD	1	
- 19	5420338	. RAIL	1	
- 20	38350	. SCREW,MACH-FIL H 6-32 X 1/4 LG ATT PT	2	
- 21	5420347	. RECEPTACLE ASSEMBLY,CARD	1	
- 22	5420341	. BRACKET	1	
- 23	5420333	. BOARD ASSEMBLY-TERMINAL	1	
- 24	438572	. SCREW,MACH-UNDRCT BIND BD 6-32 X 2 LG ATT PT	2	
- 25	257187	. NUT-FEX,NO. 6-32 ATT PT	4	
- 26	317C18	. RESISTOR	2	
- 27	369623	. DIODE	2	
- 29	369118	. FICER	1	
- 30	528486	. RESISTOR- 910 OHMS P/M 5% 1/2W	1	
- 31	317014	. RESISTOR,FXD,COMP- 680 OHMS P/M 5% 1/2W	3	
- 32	124580	. CAPACITOR-ELECTROLYTIC-0.47 MFD 35VDCW	2	
- 33	438C08	. CCLAR	2	
- 34	5356322	. TERMINAL BOARD ASSEMBLY	1	
- 35	5420334	. BOARD ASSEMBLY-TERMINAL	1	
- 36	133840	. CAPACITOR	9	
- 37	479C38	. RESISTOR	9	
- 38	369639	. DIODE	1	
- 39	124585	. CAPACITOR-3.30 UF	1	
- 40	5356322	. TERMINAL BOARD ASSEMBLY	1	
- 41	5420335	. BOARD ASSEMBLY-TERMINAL	1	
- 42	479094	. RESISTOR	9	
- 43	502479	. RESISTOR, FXD, COME-360 OHMS P/M 5% 1W	3	
- 44	317004	. RESISTOR ASM	3	
- 45	5356322	. TERMINAL BOARD ASSEMBLY	1	
- 46	325862	. BUSHING,CKT BKR MTG PAD	4	
- 47	320570	. FCST,BINDING-BLACK	5	
- 48	216323	. NUT, STEEL, CHROMIUM,	16	
- 49	725347	. SWITCH	9	
- 50	725349	. SWITCH,MOMENTARY-N/C SEDT	1	
- 51	725348	. SWITCH,TOGGLE-DPDT	1	
- 52	737616	. SWITCH, TOGGIE DOUBLE POLE	1	
- 53	734879	. SWITCH, TOGGLE, DPDT,	3	
- 54	737616	. SWITCH, TOGGIE DOUBLE POLE	1	

TOOLS AND TEST

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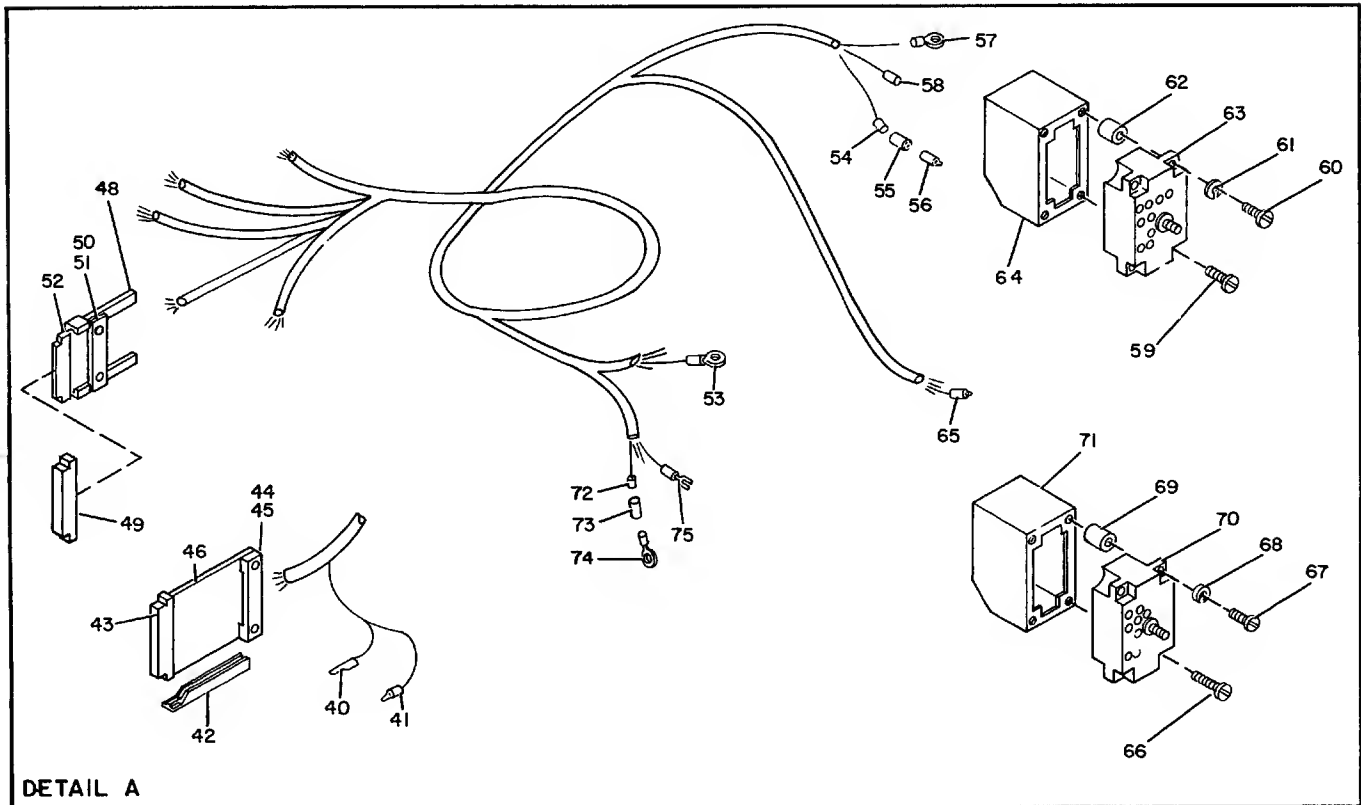
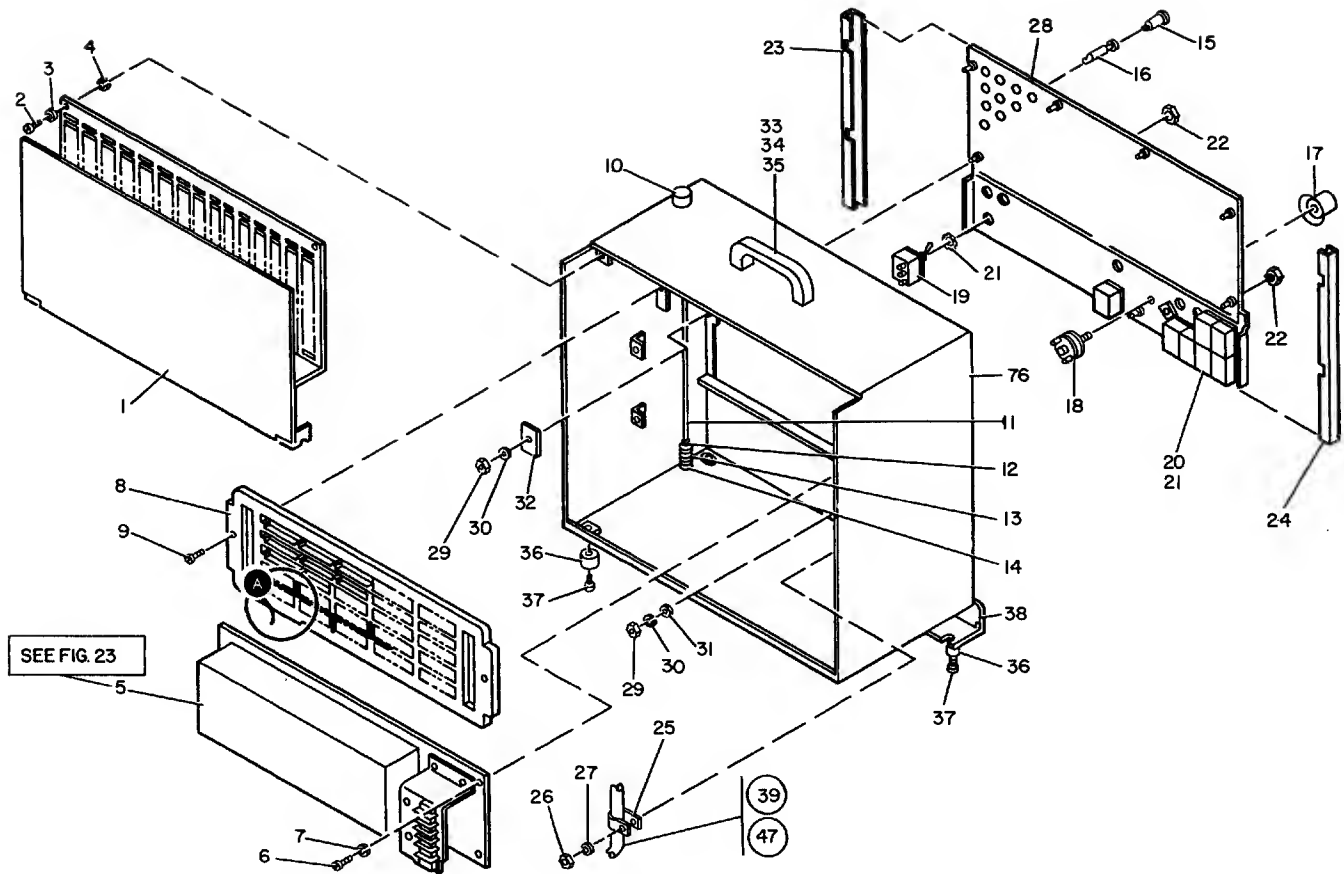


FIGURE 22. I/O TESTER. SEE LIST 22.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		I/O TESTER		
22 -	452400	TESTER I/O SEE FIGURE 22 FOR ILLUSTRATION	1	
- 1	740463	. COVER, REAR	1	
- 2	440655	. SCREW, MOUNTING ATT PT	2	
- 3	45651	. WASHER ATT PT	2	
- 4	26464	. CLIP	2	
- 5	5708955	. POWER SUPPLY ASSEMBLY FOR DETAIL BREAKDOWN SEE FIGURE 23	1	
- 6	34512	. SCREW, BH, 8-32 X 0.375 LG ATT PT	4	
- 7	1050873	. WASHER, LOCK, SPLIT RING, 0.168ID, 0.296OD ATT PT	4	
- 8	5811497	. BOARD ASSEMBLY	1	
- 9	236550	. SCREW, MACH, BH, 4-40 X 0.375 LG ATT PT	2	
- 10	821073	. KNOB	1	
- 11	740464	. ROD, HOLDDOWN	1	
- 12	25282	. RING, RETAINING, EXT 0.125ID X 0.015 THK	1	
- 13	444151	. WASHER	1	
- 14	220856	. SPRING, HELICAL, CCMPR, 9 TURNS	1	
- 15	5353889	. INDICATOR ASSEMBLY, CLEAR	90	
- 16	5353887	. BOUSING, LAMP	90	
- 17	480535	. KNOB, CONTROL	1	
- 18	838063	. SWITCH, RCTARY	1	
- 19	738826	. SWITCH, TOGGLE	21	
- 20	738826	. SWITCH, TOGGLE, SPDT, MOMENTARY ACTION	7	
- 21	159373	. WASHER, LOCK, EXT TEETH, 15/32ID X 3/4OD ATT PT	28	
- 22	216323	. NUT, DRESS, KNUHL, 15/32-32 X 41/64 CHR ATT PT	28	
- 23	740456	. GUIDE, RIGHT OVERLAY	1	
- 24	740455	. GUIDE, LEFT OVERLAY	1	
- 25	2102367	. CLAMP, LOCK	1	
- 26	257189	. NUT, HEX, 8-32 ATT PT	1	
- 27	22478	. WASHER, FLAT, 0.175ID X 0.375OD 0.03 THK ATT PT	1	
- 28	740453	. PANEL ASSEMBLY	1	
- 29	257187	. NUT, PLAIN, BEX 6-32 ATT PT	7	
- 30	6364	. WASHER, LOCK, SPLIT, NO. 6 X 1/4 OD ATT PT	7	
- 31	257986	. WASHER, FLAT, NO. 6 X 0.312 OD ATT PT	3	
- 32	240041	. WASHER, RECTANGULAR	4	
- 33	821067	. HANDLE	1	
- 34	803278	. SCREW, MACH, BH, 10-24 X 5/16 LG ATT PT	2	
- 35	56079	. WASHER, LOCK, EXT TEETH, 0.195ID 0.410OD ATT PT	2	
- 36	731037	. FOOT, CUSHION	4	
- 37	25627	. SCREW, MACH, BH, 8-32 X 0.500 LG ATT PT	4	
- 38	845763	. GUIDE, BOTTOM OVERLAY	1	
- 39	740460	. CABLE ASSEMBLY, LAMP	1	
- 40	5362301	. . CONTACT, LARGE SERPENT, 22-26 AWG	7	
- 41	5404480	. . CONTACT, GREAT SERPENT, 18-20 AWG	5	
- 42	811802	. . GUIDE, CARD	1	
- 43	740459	. . STIFFENER, STRAIN RELIEF	1	
- 44	5352958	. . STRAIN RELIEF	1	
- 45	236550	. . SCREW, MACH, BH, 4-40 X 0.375 LG ATT PT	2	
- 46	5800634	. . CARD ASSEMBLY	1	
- 47	740461	. CABLE ASSEMBLY, INPUT-I/O TESTER	1	
- 48	811802	. . GUIDE, CARD	5	
- 49	740459	. . STIFFENER, STRAIN RELIEF	5	
- 50	5352958	. . STRAIN RELIEF	5	
- 51	236550	. . SCREW, MACH, BH, 4-40 X 0.375 LG ATT PT	10	
- 52	5800634	. . CARD ASSEMBLY	5	
- 53	236916	. . TERMINAL, CONTACT FEMALE 24-22 AWG	12	
- 54	555726	. . TERMINATOR	1	
- 55	555725	. . FERRULE, INNER	1	
- 56	2122261	. . SOCKET, CONTACT, 18-16 AWG	1	
- 57	2122255	. . TERMINAL, SOCKET CONTACT, 22-20 AWG	3	
- 58	2127890	. . SOCKET, CONTACT, AWG 26-24	AB	
- 59	740576	. . SCREW, HEX H, SOCKET, 6-32 X 0.625LG	2	
- 60	322550	. . SCREW, MACH, BH, 6-32 X 1/2 LG	2	
- 61	6364	. . WASHER, LOCK, SPLIT, NO. 6 X 1/4 OD	2	
- 62	24588	. . COLLAR	4	
- 63	741136	. . CONNECTOR	1	
- 64	741137	. . SHIELD	1	
- 65	2127890	. . SOCKET, CONTACT, AWG 26-24	6	
- 66	740576	. . SCREW, HEX H, SOCKET, 6-32 X 0.625LG	2	
- 67	322550	. . SCREW, MACH, BH, 6-32 X 1/2 LG	2	
- 68	6364	. . WASHER, LOCK, SPLIT, NO. 6 X 1/4 OD	2	
- 69	24588	. . COLLAR	4	
- 70	741136	. . CONNECTOR	1	
- 71	741137	. . SHIELD	1	
- 72	555726	. . TERMINATOR	1	
- 73	555725	. . FERRULE, INNER	1	
- 74	334932	. . TERMINAL, RING, 18-22 AWG, #10 HOLE, INS	1	
- 75	186967	. . TERMINAL, SPAD, 20-24 AWG, #6 HOLE, INS	7	
- 76	740452	. BOX, I/O TESTER	1	

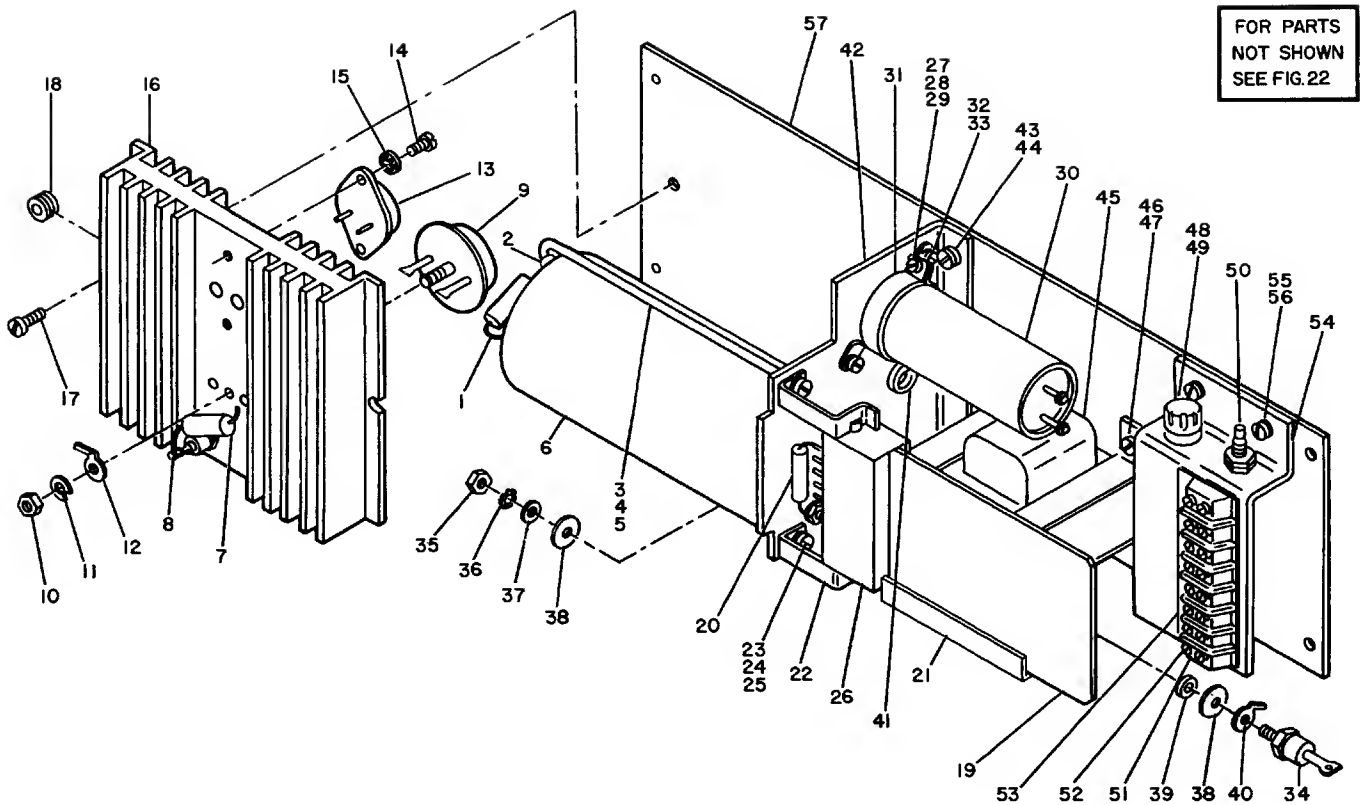


FIGURE 23. I/O TESTER POWER SUPPLY. SEE LIST 23.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		I/O TESTER POWER SUPPLY		
23 -	57C8955	POWER SUPPLY, I/O TESTER SEE LIST 22-5 FOR NEXT HIGHER ASSEMBLY AND FIGURE 23 FOR ILLUSTRATION	REF	
- 1	57C8949	. RESISTOR ASSEMBLY	1	
- 2	473412	. INSULATOR, CAPACITOR CLAMP	2	
- 3	473422	. CLAMP, CAPACITOR	2	
- 4	38051	. NUT, PLAIN, HEX, 6-32 X 1/4 FL W	2	
- 5	56722	. WASHER, LCCK, EXTERNAL TCCTH NO. 6	2	
- 6	478953	. CAPACITOR, ELECTROLYTIC, 15KMER	1	
- 7	207324	. RESISTOR, FXD, WW, 0.1 CHM, P/M 5% 5W	1	
- 8	323925	. TERMINAL	1	
- 9	369214	. TRANSISTOR, TYPE 108	1	
- 10	11558	. NUT, PLAIN, HEX, 10-32 X 3/8 FL W	1	
- 11	56C79	. WASHER, LCCK, EXT TEETH, 0.195ID 0.410OD	1	
- 12	316996	. TERMINAL, LUG, NINS, 9AWG NO. 8 MTG HOLE	1	
- 13	368616	. TRANSISTOR, TYPE 119	1	
- 14	322550	. SCREW, MACH, BH, 6-32 X 1/2 LG	2	
- 15	62031	. WASHER, LCCK, INT TEETH, NO. 6 X 0.295 OD	2	
- 16	57C8952	. HEATSINK	1	
- 17	337	. SCREW, MACH, FIL H, 8-32 X 3/8 LG	2	
- 18	327545	. INSULATOR, FEAT SINK MOUNTING	2	
- 19	374818	. CARD ASSEMBLY	1	
- 20	5266079	. CAPACITOR ASSEMBLY	1	
- 21	216206	. GUIDE, SINGLE CARD LONG	1	
- 22	57C8957	. BRACKET, CARD SOCKET	2	
- 23	10170	. SCREW, MACH, BH, 6-32 X 1/4 LG	2	
- 24	6364	. WASHER, LCCK, SPLIT, NO. 6 X 1/4 OD	2	
- 25	257586	. WASHER	2	
- 26	216076	. TERMINAL BLOCK AND CONTACT ASSEMBLY	1	
- 27	510379	. SCREW	1	
- 28	56722	. WASHER, LCCK, EXTERNAL TCCTH NO. 6	1	
- 29	38051	. NUT, PLAIN, HEX, 6-32 X 1/4 FL W	1	
- 30	5261089	. CAPACITOR, ELECT, CAN TYPE	1	
- 31	301768	. BRACKET, MOUNTING	2	
- 32	38235	. SCREW, MACH, BH, 6-32 X 0.312 LG	2	
- 33	56722	. WASHER, LCCK, EXTERNAL TCCTH NO. 6	2	
- 34	558479	. SEMICONDUCTOR DEVICE, DIODE, 150V 10A	1	
- 35	11598	. NUT, PLAIN, HEX, 10-32 X 3/8 FL W	1	
- 36	56C79	. WASHER, LCCK, EXT TEETH, 0.195ID 0.410OD	1	
- 37	45690	. WASHER, FL, NC.10 X 7/16 OD X 1/32 THK	1	
- 38	419130	. WASHER, MICA, 0.195ID, 5/8OD X 0.002THK	2	
- 39	473582	. INSULATOR	1	
- 40	316996	. TERMINAL, LUG, NINS, 9AWG NO. 8 MTG HOLE	1	
- 41	227379	. GROMMET, RUBBER, FCE 5/8 HOLE X 1/8 PNL	1	
- 42	57C8953	. BRACKET, POWER SUPPLY	1	
- 43	186759	. SCREW, MACH, BH, 8-32 X 5/16 LG	2	
- 44	55901	. WASHER, LCCK, EXT TEETH, NO. 8 X 0.381OD	2	
- 45	57C8951	. TRANSFORMER, POWER	1	
- 46	58207	. SCREW, MACH, UNRECT BH, 8-32 X 1/4 LG	4	
- 47	55901	. WASHER, LCCK, EXT TEETH, NO. 8 X 0.381OD	5	
- 48	111256	. FUSE, 1.5 AMP	1	
- 49	1104137	. FUSEHOLDER	1	
- 50	441181	. POTENTIOMETER	1	
- 51	317232	. TERMINAL BOARD, 6 IEL SCREW TERMINALS	1	
- 52	35735	. SCREW, MACH, BH, 6-32 X 15/16 LG	4	
- 53	589715	. STRIP, MARKER	1	
- 54	57C8954	. BRACKET, TERMINAL BOARD	1	
- 55	186759	. SCREW, MACH, BH, 8-32 X 5/16 LG	2	
- 56	55901	. WASHER, LCCK, EXT TEETH, NO. 8 X 0.381OD	2	
- 57	57C8956	. CHASSIS, I/O TESTER	1	

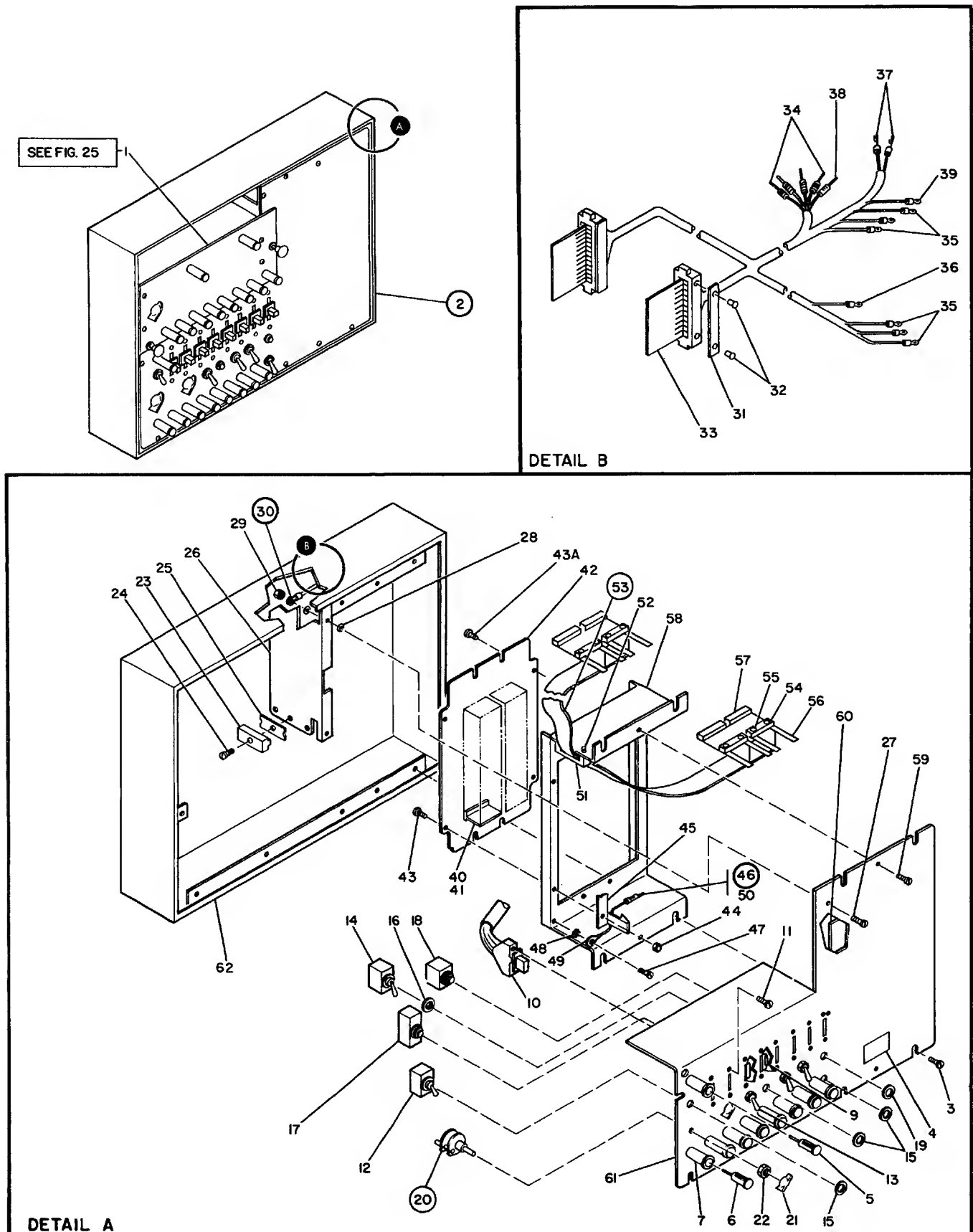


FIGURE 24. C. E. BOX ASSEMBLY. SEE LIST 24.

TCCLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		C. E. BOX ASSEMBLY		
24 -	2200012	BOX ASSEMBLY, C.E. 2311/2314	1	
- 1	2200014	SEE FIGURE 24 FOR ILLUSTRATION	1	
- 2	2200013	BOX ASSEMBLY, INDICATOR	1	
- 3	2181005	SEE LIST 25 FOR DETAIL BREAKDOWN	1	
- 4	2181119	CE BOX ASSEMBLY, CCNTFCL UNIT	1	
- 5	5353883	SCREW, SELF TAPPING, 6-32 X 0.375 LG.	7	
- 6	5353885	SERIAL TAG, FILE TEST BCX	1	
- 7	5353887	INDICATOR ASSEMBLY, AMBER-3 VOLT	1	
- 8	369218	INDICATOR ASSEMBLY, CLEAR	8	
- 9	555049	HOUSING, LAMP	9	
- 10	1C17C	SEMICONDUCTOR DEVICE, DIODE	5	
- 11	734878	SWITCH, LEVER, SHORTING, 2POLE, 2POS	8	
- 12	765748	SCREW, MACH, BH, 6-32 X 1/4 LG ATT PT	16	
- 13	738826	SWITCH, TOGGLE, SPDT, CENTER OFF	1	
- 14	216323	SWITCH, TOGGLE	1	
- 15	159373	SWITCH, TOGGLE	3	
- 16	117184	NUT, DRESS, KNURL, 15/32-32 X 41/64 CHR ATT PT	5	
- 17	358844	WASHER, LOCK, EXT TEETH, 15/32ID X 3/4OD ATT PT	5	
- 18	216323	SWITCH, PUSH, NC, 125VAC 1A	1	
- 19	354167	SWITCH, PUSH	1	
- 20	30C793	NUT, DRESS, KNURL, 15/32-32 X 41/64 CHR ATT PT	2	
- 21	220032	SWITCH, RCTARY, 1 DECK, 1 PCLE, 7 POS	2	
- 22	302090	NOB, SWITCH	2	
- 23	2191846	NUT, PLAIN, HEX, 3/8-32 X 1/2 PL W	2	
- 24	302131	CCNECTOR, BECF, ELEC, 24 FEMALE CONT	1	
- 25	2181106	SCREW, EDGE CCNECTOR MCUNTING ATT PT	1	
- 26	2181005	INSULATOR, TERMINAL BLOCK	1	
- 27	56722	PARTITION, CABIE	1	
- 28	257187	SCREW, SELF TAPPING, 6-32 X 0.375 LG. ATT PT	2	
- 29	2181112	WASHER, LOCK, EXTERNAL TOOTH NO. 6 ATT PT	2	
- 30	5352560	NUT, PLAIN, BEX 6-32 ATT PT	1	
- 31	595720	CABLE ASSEMBLY, CE TEST BOX	1	
- 32	5800610	STRAIN RELIEF, COAX TWO-HI APPLICATION	2	
- 33	187243	RIVET, ROLLED FLANGE	4	
- 34	236916	CARD ASSEMBLY, TERMINATOR	2	
- 35	334921	TERMINAL, SMALL TAPER	4	
- 36	5362301	TERMINAL, CONTACT FEMALE 24-22 AWG	4	
- 37	360433	TERMINAL, RING, 18-22 AWG, #6 HOLE, INS	1	
- 38	236915	CONTACT, LARGE SERPENT, 22-26 AWG	18	
- 39	811363	TERMINAL, FIUG, 16-18 AWG	1	
- 40	5800000	TERMINAL, SLIE-CN, 20-18 AWG	1	
- 41	5800099	EXTENDER, CARD, 6 PAC	10	
- 42	5800236	CARD ASSEMBLY	4	
- 43	5800247	CARD ASSEMBLY, SLT	2	
- 44	5800346	CARD ASSEMBLY, SLT	2	
- 45	5800347	CARD ASSEMBLY, SLT	2	
- 46	5800509	CARD ASSEMBLY, SLT	1	
- 47	5800703	CARD ASSEMBLY, 6-PAC	1	
- 48	5800725	CARD ASSEMBLY, SLT	2	
- 49	5804018	CARD ASSEMBLY, SLT	1	
- 50	5804663	CARD ASSEMBLY, SLT	1	
- 51	2181110	BCARD ASSEMBLY	1	
- 52	731627	SCREW, MACH, PAN H, 6-32 X 0.75 LG ATT PT	2	
- 53	811426	SCREW, MACH, PAN H, 6-32 X 3/8 LG ATT PT	2	
- 54	344015	NUT, SELF LKG, HEX, 6-32 X 5/16 PL W ATT PT	2	
- 55	2180972	CLAMP, PADDIE CCNECTOR, SLT	1	
- 56	2181117	JUMPER ASSEMBLY, 3-1/4 INCHES LONG	1	
- 57	731626	SCREW	1	
- 58	56722	WASHER, LOCK, EXTERNAL TOOTH NO. 6 ATT PT	1	
- 59	253453	TERMINAL, RING, 22-26 AWG, #6 HOLE, INS	1	
- 60	813810	TERMINAL, QUICK DISCONNECT	1	
- 61	2180973	CLAMP, SLT CARD	1	
- 62	5700484	SCREW, SELF TAPPING, 4-40 X 0.375 LG ATT PT	2	
- 63	2181113	CABLE ASSEMBLY, CE BCX TO FILE	1	
- 64	5352960	STRAIN RELIEF, COAX TWO-HI APPLICATION	AR	
- 65	2180573	CLAMP, SLT CARD	AR	
- 66	555720	RIVET, ROLLED FLANGE ATT PT	8	
- 67	811804	GUIDE, CARD	2	
- 68	5819436	CARD, CCNECTOR	2	
- 69	2181101	BRACKET, BCARD MCUNTING	1	
- 70	2181005	SCREW, SELF TAPPING, 6-32 X 0.375 LG. ATT PT	2	
- 71	2181133	FOAM, 9 X 6, 0.13 THICK	1	
- 72	2181102	PANEL, CE BOX	1	
- 73	2181104	CASE ASSEMBLY, CE BOX	1	

FOR PARTS
NOT SHOWN
SEE FIG. 24

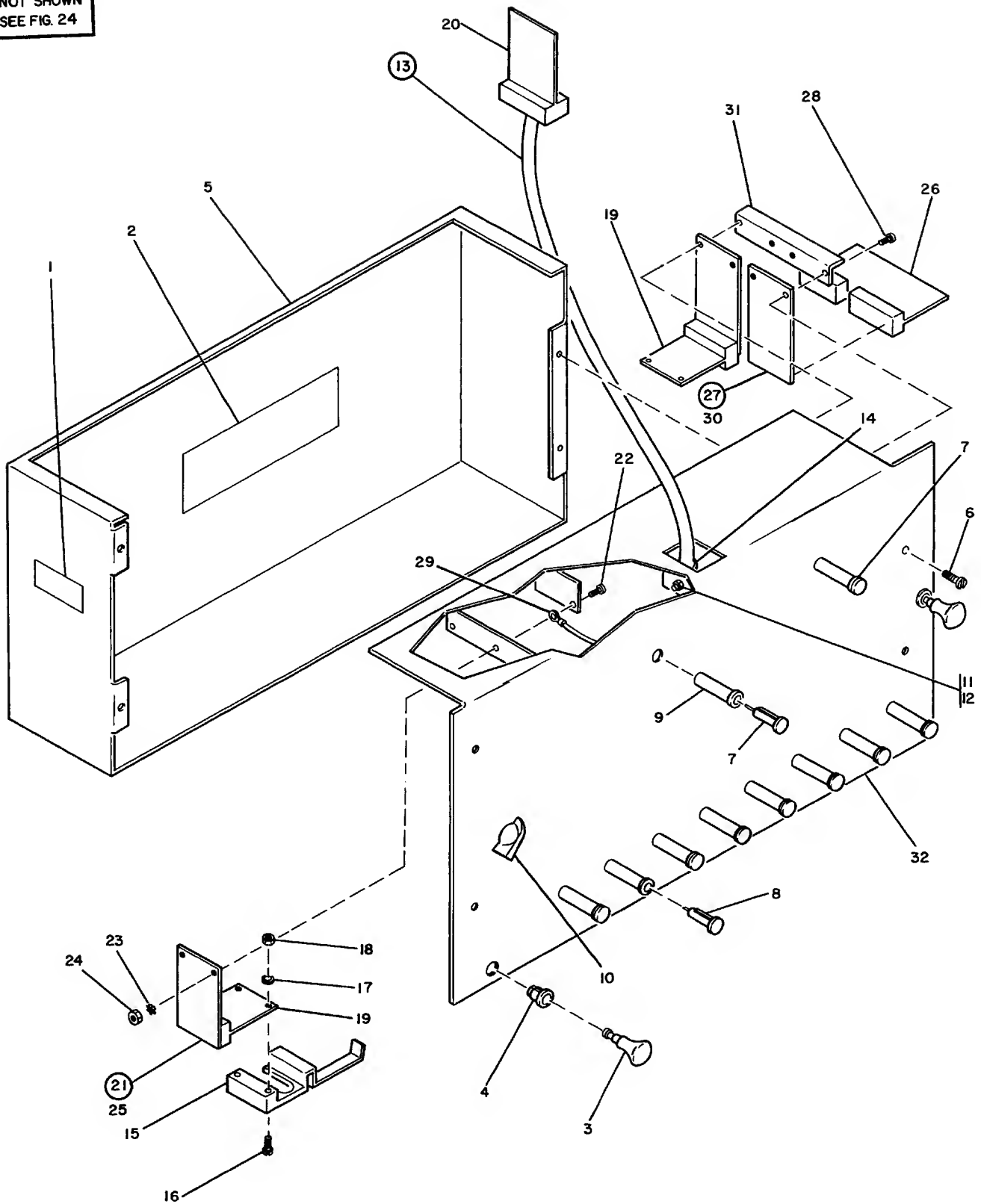


FIGURE 25. INDICATOR BOX ASSEMBLY. SEE LIST 25.

TOOLS AND TEST

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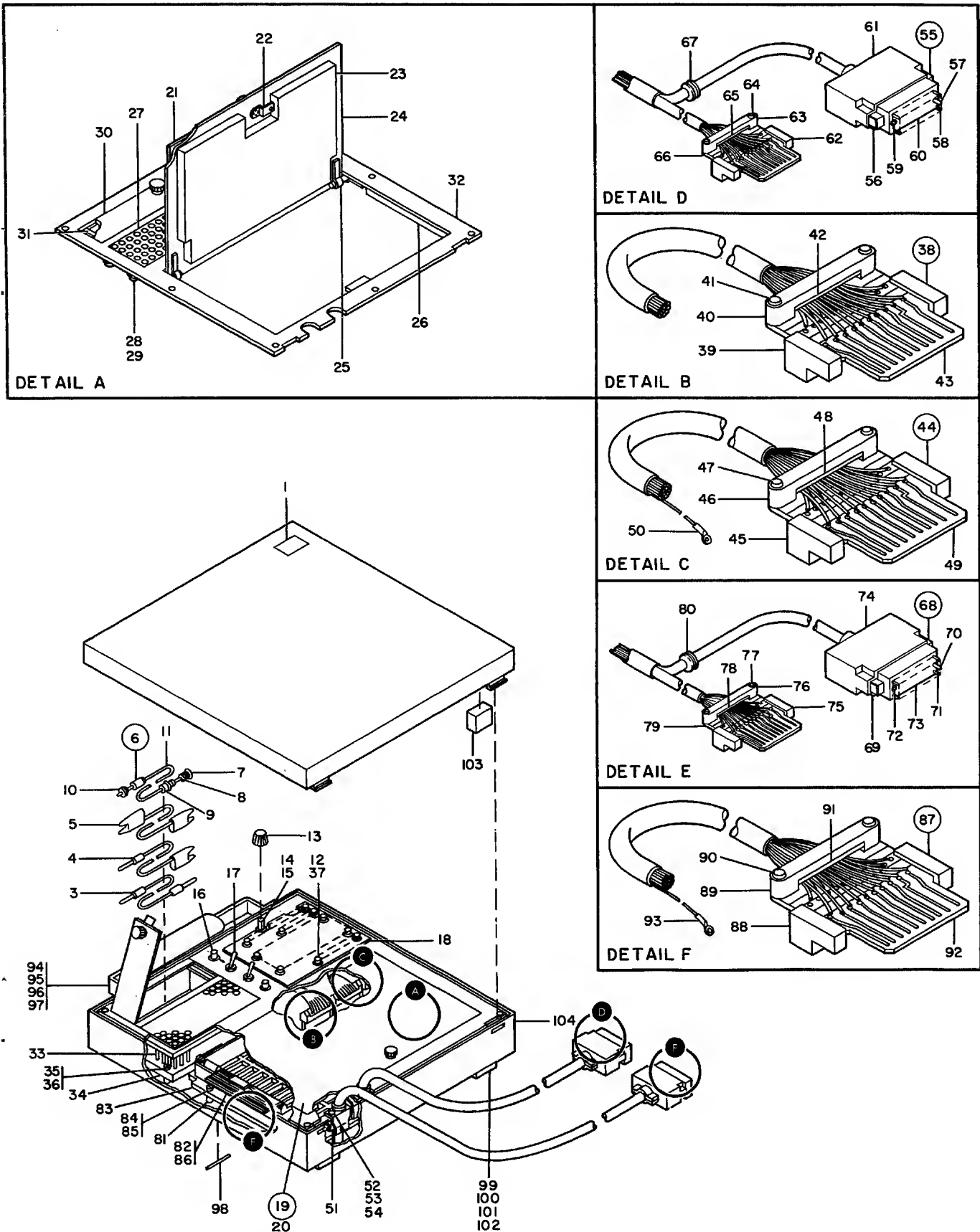


FIGURE 26. C. E. BOX ASSEMBLY. SEE LIST 26.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		C. E. BOX ASSEMBLY		
26 -	5052684	CE BOX ASSEMBLY 1070 SEE FIGURE 26 FOR ILLUSTRATION	1	
- 1	438814	. PLATE, DESIGNATION	1	
- 3	186586	. WIRE ASSEMBLY, 6 INCH	50	
- 4	2197865	. WIRE ASSEMBLY	6	
- 5	2197864	. LEAD ASSEMBLY, ELECTRICAL, 15 IN. LG	2	
- 6	2197918	. SWITCH ASSEMBLY	1	
- 7	734560	. . BUTTON	1	
- 8	734963	. . SWITCH	1	
- 9	734961	. . HCUSING	1	
- 10	331122	. . CONNECTOR, PLUG, ELEC, 2 MALE CONTACTS	1	
- 11	176106	. . CABLE	1	
- 12	550511	. LAMP, INCANDESCENT, 10V 14 FA	54	
- 13	300793	. KNOB, SWITCH	1	
- 14	741862	. SWITCH	1	
- 15	220032	. NUT, PLAIN, HEX, 3/8-32 X 1/2 FL W ATT PT	1	
- 16	365047	. SWITCH, POSB, SFDT 125VAC 1 AMP	2	
- 17	368164	. SWITCH, TOGGLE, DEDT	2	
- 18	2198862	. PANEL, MASK	1	
- 19	5052667	. PANEL ASSEMBLY, FRONT	1	
- 20	67873	. SCREW, SELF-TAP, PAN HD, 4-40 X 3/16 LG ATT PT	8	
- 21	2197917	. . LABEL, PANEL	1	
- 22	2198227	. . DOOR LATCH, KNCB AND PAWL	2	
- 23	5052994	. . FCAM, CARD STOP	1	
- 24	5052995	. . DCCR, PANEL	1	
- 25	5052996	. . SHAFT, HINGE ATT PT	2	
- 26	5052670	. . FOAM, CARD STOP	1	
- 27	5052681	. . CONTROL PANEL	1	
- 28	257187	. . NUT, PLAIN, HEX 6-32 ATT PT	4	
- 29	56722	. . WASHER, LOCK, EXTERNAL TOOTH NO. 6 ATT PT	4	
- 30	5052674	. . PANEL, APERTURE	1	
- 31	5052676	. . SHAFT, HINGE ATT PT	1	
- 32	5052666	. . PANEL ASSEMBLY, FRONT	1	
- 33	474180	. CONTACT ASSEMBLY	180	
- 34	5052981	. BOARD, CBM PROGRAM	1	
- 35	36354	. SCREW, MACH, PH H, 6-32 X 1/2 LG ATT PT	4	
- 36	62031	. WASHER, LOCK, INT TEETH, NO.6 X 0.295 OD ATT PT	4	
- 37	368166	. CLIP, SPEED	54	
- 38	5052547	. CABLE ASSEMBLY, CE BOX	1	
- 39	811802	. . GUIDE, CARD	1	
- 40	5353922	. . CLAMP, STRAIN RELIEF	1	
- 41	555720	. . RIVET, ROLLED FLANGE ATT PT	2	
- 42	2197989	. . SPACER, STRAIN RELIEF	1	
- 43	5800610	. . CARD ASSEMBLY, TERMINATOR	1	
- 44	5052723	. CABLE ASSEMBLY, CE BOX	1	
- 45	811802	. . GUIDE, CARD	3	
- 46	5353922	. . CLAMP, STRAIN RELIEF	3	
- 47	555720	. . RIVET, ROLLED FLANGE ATT PT	6	
- 48	2197989	. . SPACER, STRAIN RELIEF	3	
- 49	5800610	. . CARD ASSEMBLY, TERMINATOR	3	
- 50	368166	. . TERMINAL, SIDE CN-20 AWG	108	
- 51	2122839	. CLAMP, STRAIN RELIEF	2	
- 52	38433	. SCREW, MACH, PH, 4-40 X 1/4 LG ATT PT	4	
- 53	150208	. WASHER, LOCK, INT TEETH, NO. 4 X 17/64 OD ATT PT	4	
- 54	37913	. NUT, HEX, 4-40 ATT PT	4	
- 55	5052546	. CABLE ASSEMBLY	1	
- 56	2127988	. . SPRING, LOCKING, 30 AND 50 POS CONNECTOR	2	
- 57	2122202	. . SOCKET, GUIDE	1	
- 58	2122258	. . PIN, CONTACT, MALE, 20/22 AWG	42	
- 59	2122203	. . PIN, GUIDE, BRASS, SUPPLIED W/HARDWARE	1	
- 60	2122471	. . CONNECTOR, PLUG, 50 MALE CONTACTS	1	
- 61	2127894	. . HOOD-50 POS	1	
- 62	811802	. . GUIDE, CARD	1	
- 63	5353922	. . CLAMP, STRAIN RELIEF	1	
- 64	555720	. . RIVET, ROLLED FLANGE ATT PT	2	
- 65	2197989	. . SPACER, STRAIN RELIEF	1	
- 66	5800610	. . CARD ASSEMBLY, TERMINATOR	1	
- 67	123072	. . GROMMET	1	

TCOLS AND TEST

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TOOLS AND TEST

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[illegible]

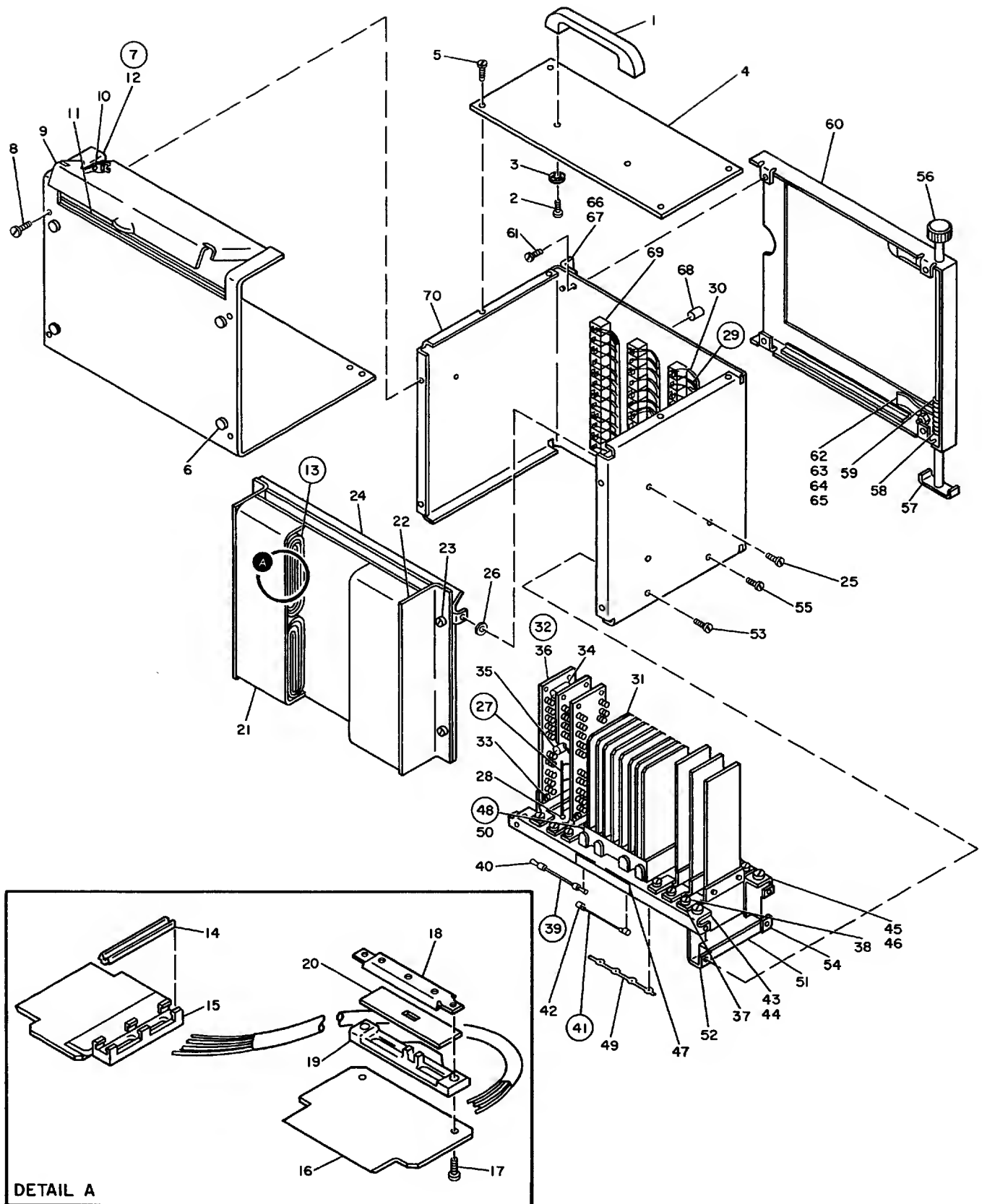


FIGURE 28. C. E. BOX ASSEMBLY. SEE LIST 28.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		C. E. BOX ASSEMBLY		
28 -	821050	BOX ASSEMBLY, C.E. 1440 SEE FIGURE 28 FOR ILLUSTRATION	1	
- 1	821067	. HANDLE	1	
- 2	803278	. SCREW, MACH, RH, 10-24 X 5/16 LG	2	
- 3	56121	. WASHER, LCCK, INT TEETH, NO.10 X 0.3810D	2	
- 4	821058	. COVER, TOP	1	
- 5	731626	. SCREW	4	
- 6	360193	. BUMPER	8	
- 7	821052	. COVER ASSEMBLY, CE BOX	1	
- 8	731626	. SCREW	10	
- 9	821054	. . COVER, BINGE	1	
- 10	165605	. . RIVET	2	
- 11	821056	. . STOP	1	
- 12	821053	. . COVER, BACK	1	
- 13	821099	. CABLE ASSEMBLY	1	
- 14	216300	. . PLUG, STRAIN RELIEF	1	
- 15	216304	. . STRAIN RELIEF	1	
- 16	356071	. . CARD	1	
- 17	236550	. . SCREW, MACH, EH, 4-40 X 0.375 LG	3	
- 18	216208	. . CLAMP, CABLE CONNECTOR	1	
- 19	216209	. . SUPPORT, CABLE CONNECTOR CARD	1	
- 20	216210	. . SPACER, CABLE CONNECTOR	1	
- 21	821069	. HOLDER, CABLE	1	
- 22	821060	. BRACKET, DIVIDER	2	
- 23	731626	. SCREW	4	
- 24	821059	. DIVIDER	1	
- 25	734483	. SCREW, MACH, PAN H, 6-32 X 0.380 LG	1	
- 26	6444	. WASHER, FIAT, NC. 8 X 3/8 OI X 3/32 THK	1	
- 27	822949	. CABLE ASSEMBLY, RB1, 2, 3 TC CS	1	
- 27	726586	. CABLE ASSEMBLY, CE AID BOX	1	
- 28	216265	. . TERMINAL, QUICK DISCON, NCN-INS, 20AWG USED CN ASM 822949	29	
- 28	556255	. . TERMINAL, SLIP CN, 24-20 AWG USED CN ASM 726588	29	
- 29	743046	. CABLE ASSEMBLY, RB2 TC LAMPS	1	
- 29	743047	. CABLE ASSEMBLY, RB3 TC LAMPS	1	
- 29	743048	. CABLE ASSEMBLY, RB4 TO LAMPS	1	
- 29	743049	. CABLE ASSEMBLY, RB5 TC LAMPS	1	
- 29	743050	. CABLE ASSEMBLY, RB6 TC LAMPS	1	
- 29	822928	. CABLE ASSEMBLY, RB1 TC LAMPS	1	
- 30	2122016	. . TERMINAL, FASTON TYPE	8	
- 31	370372	. CARD ASSY, DHC	8	
- 32	727006	. BOARD ASSEMBLY, RESISTOR	6	
- 33	438548	. SCREW, MACH, BH, 4-40 X 3/16 LG	12	
- 34	216455	. . RESISTOR, FXD COMP, 2.7K, P/M 5% 1/4W	8	
- 35	555359	. . RESISTOR, FIXED, CCME, 10C OHMS 5% 0.25W	8	
- 36	727005	. . TERMINAL BOARD	1	
- 37	727001	. BRACKET, RESISTOR BOARD	6	
- 38	163900	. SCREW, THD CTG, BH, 8-32 X 1/4 LG	12	
- 39	354656	. JUMPER ASSEMBLY	16	
- 40	216265	. . TERMINAL, QUICK DISCON, NCN-INS, 20AWG	2	
- 41	5342470	. JUMPER ASSEMBLY, WHT 7 IN. 22AWG 2 LUG	16	
- 41	5314155	. JUMPER ASSEMBLY	16	
- 41	556855	. JUMPER ASSEMBLY, 6 INCH	16	
- 42	556255	. . TERMINAL, SLIP ON, 24-20 AWG	2	
- 43	821063	. SUPPORT, SOCKET	1	
- 44	731626	. SCREW	2	
- 45	821098	. SUPPORT, SOCKET	1	
- 46	731626	. SCREW	2	
- 47	216286	. LABEL, NUMBERING R TO L 1 THRU 28	1	

TOOLS AND TEST

[illegible]

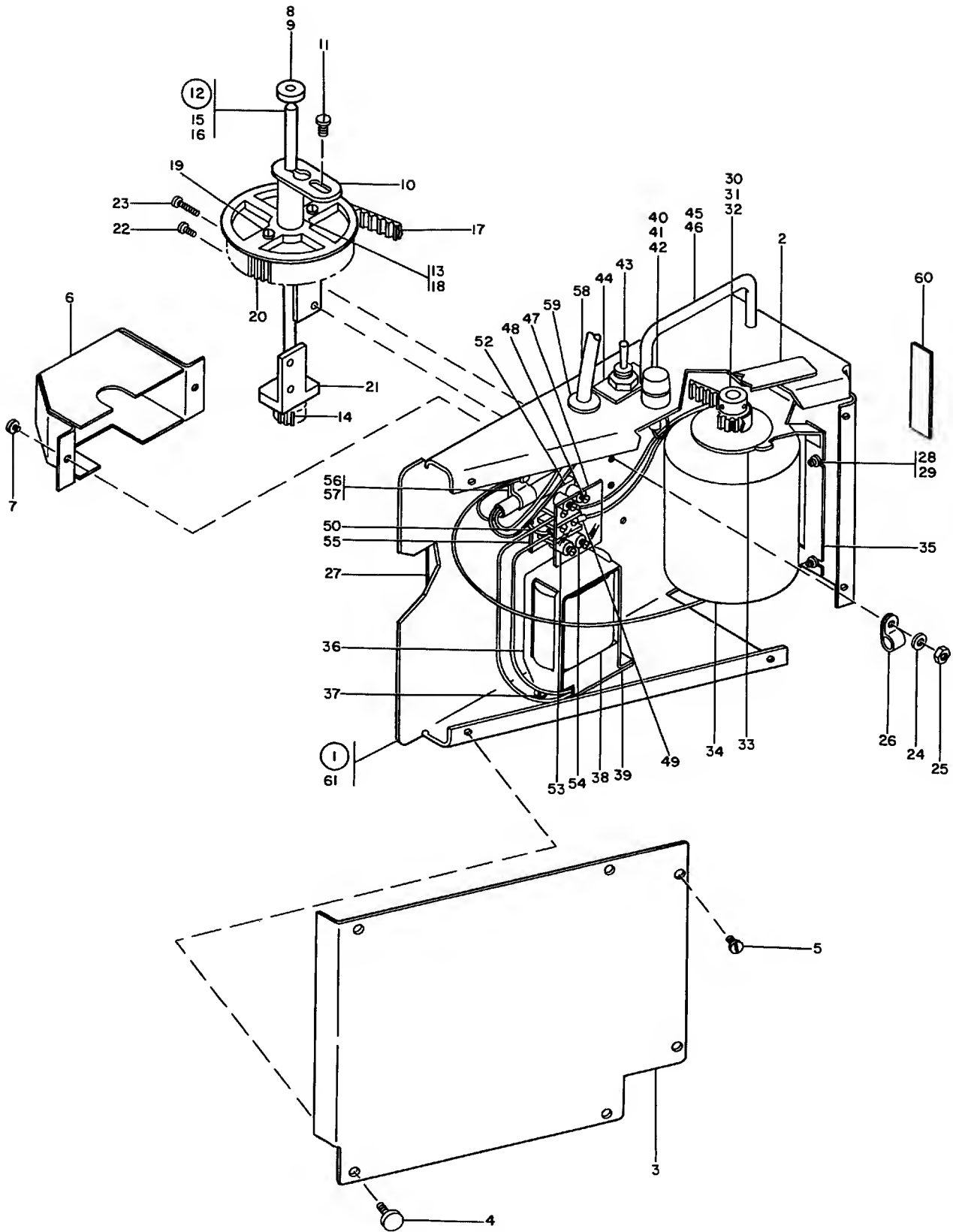


FIGURE 29. ADD MACHINE DRIVE UNIT. SEE LIST 29.

TCOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		ADD MACHINE DRIVE UNIT		
29 -	635491	DRIVE UNIT, ADD MACHINE	1	
- 1	616211	SEE FIGURE 29 FOR ILLUSTRATION	1	
- 2	183848	ROBOT ASSEMBLY, DRIVE UNIT	1	
- 3	616209	PLATE, INSTRUCTION, CURRENT REQUIREMENT	1	
- 4	306112	COVER, TOWER	1	
- 5	186759	BUMPER	4	
- 6	616206	SCREW, MACH, BH, 8-32 X 5/16 LG	2	
- 7	186759	COVER, PULLEY	1	
- 8	113692	SCREW, MACH, BH, 8-32 X 5/16 LG	2	
- 9	173937	COLLAR, SHAFT RETAINING	1	
- 10	616201	SETSCREW, SPLINE DR CUP PT 8-32 X 1/8 LG	1	
- 11	186759	STOP, SHAFT	1	
- 12	616203	SCREW, MACH, BH, 8-32 X 5/16 LG	1	
- 13	1077739	SHAFT ASSEMBLY	1	
- 14	619853	PIN, SPRING, 0.103 X 0.375 LG	1	
- 15	23096	GEAR	1	
- 16	616205	PIN, PIN, TAPERED, PLAIN, 1/2 LG X NO. 6	1	
- 17	619372	SHAFT	1	
- 18	616204	BELT, TIMING MAIN DRIVE	1	
- 19	438586	HUB, PULLEY	1	
- 20	612952	SCREW, MACH, UNDRCT BH, 8-32 X 7/8 LG	2	
- 21	619851	PULLEY, TIMING BELT	1	
- 22	186759	BEARING ASSEMBLY	2	
- 23	25627	SCREW, MACH, BH, 8-32 X 5/16 LG	3	
- 24	45690	SCREW, MACH, FH, 8-32 X 0.500 LG	1	
- 25	257189	WASHER, FL, NC.10 X 7/16 OD X 1/32 THK	1	
- 26	169698	NUT, HEX, 8-32	1	
- 27	804455	CLAMP, RELIEF	1	
- 28	10170	DECAL	1	
- 29	22478	SCREW, MACH, BH, 6-32 X 1/4 LG	4	
- 30	616202	WASHER, FLAT, 0.175ID X 0.375OD 0.03 THK	4	
- 31	257959	BUSHING, PULLEY	1	
- 32	628308	SETSCREW, SPLINE DR CUP PT 4-40 X 3/16 LG	2	
- 33	1132508	PULLEY, MOTOR	1	
- 34	1124741	CLIP, MOTOR BECKET	2	
- 35	1124562	MOTOR	1	
- 36	1124807	BRACKET, MOTOR	1	
- 37	10170	BRACKET, CAPACITOR MOUNTING	2	
- 38	1106594	SCREW, MACH, FH, 6-32 X 1/4 LG	1	
- 39	1124810	CAPACITOR, 3MFD 265VAC	1	
- 40	111264	INSULATOR, CAPACITOR	1	
- 41	179946	FUSE, CARTRIDGE, TIME DELAY, 250V 3/4A	1	
- 42	255522	HOLDER, FUSE	1	
- 43	73134	CAP, FUSE INSULATOR	1	
- 44	176325	SWITCH	1	
- 45	621325	NAME PLATE, TOGGLE SWITCH	1	
- 46	186759	HANDLE, BCW	1	
- 47	187467	SCREW, MACH, BH, 8-32 X 5/16 LG	2	
- 48	210984	SHIELD, 2 POSITION	1	
- 49	334921	SCREW, MACH, RD HD, 6-32 X 0.250 LG	1	
- 50	616212	TERMINAL, RING, 18-22 AWG, #6 HOLE, INS	2	
- 51	616213	JUMPER ASSEMBLY	1	
- 52	616214	JUMPER ASSEMBLY	1	
- 53	80817	JUMPER ASSEMBLY	1	
- 54	210985	TERMINAL BOARD	1	
- 55	210986	STUD, EXT, INT 6-32, EXT 6-32 X 0.900 LG	1	
- 56	507446	STUD, SHIELD MOUNTING	3	
- 57	183720	INSULATOR, TERMINAL STRIP	1	
- 58	186759	CLIP, CABLE	1	
- 59	1106000	SCREW, MACH, FH, 8-32 X 5/16 LG	1	
- 60	227379	CORD, 115V ATTACHMENT	1	
- 61	180528	GROMMET, RUBBER, PCR 5/8 BOLE X 1/8 PNL	1	
- 62	616210	PLATE, IDENTIFICATION, SERIAL NUMBER	1	
- 63	3550	BASE	1	
- 64	3960	FOLLOWING USED WITH PRINT UNIT	4	
- 65	59647	WASHER, FL- 1/4 X 9/16 OD X 0.050 THK	2	
- 66	59652	NUT, PLAIN, HEX- 1/4-20 X 7/16 FL W	1	
- 67		SCREW, MACH-HEX HD 1/4-20 X 1 LG	1	
- 68		SCREW, MACH-HEX HD 1/4-20 X 3/4 LG	1	
- 69	336719	FOLLOWING USED W/O PRINT UNIT	2	
- 70	3550	SCREW	2	
- 71		WASHER, FL- 1/4 X 9/16 OD X 0.050 THK		

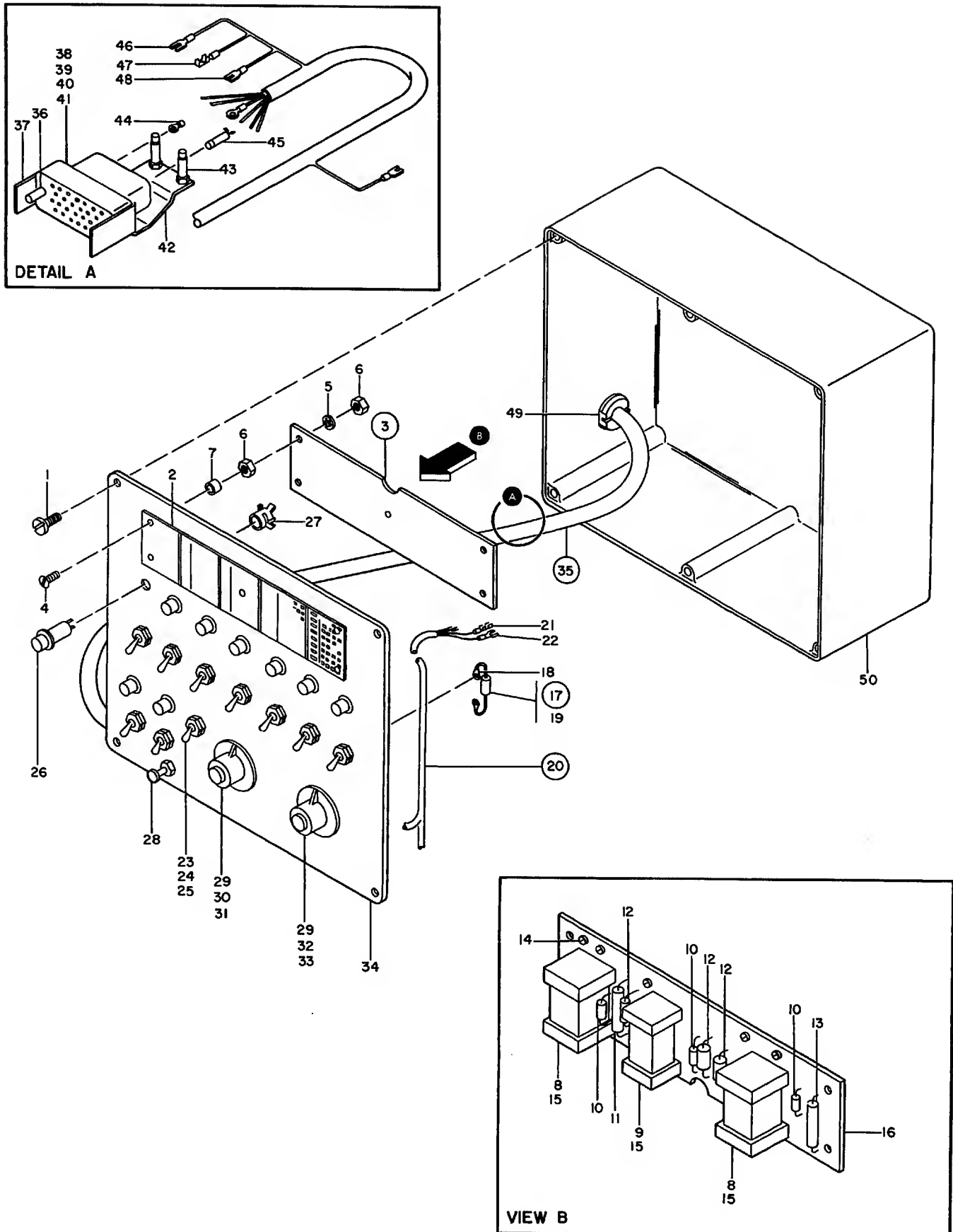


FIGURE 30. C. E. OFFLINE TEST SET. SEE LIST 30.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		C. E. OFFLINE TEST SET		
30 -	2156809	TEST SET, C.E. OFF LINE 1710 SEE FIGURE 30 FOR ILLUSTRATION	1	
- 1	38235	. SCREW, MACH, BH, 6-32 X 0.312 LG	4	
- 2	2161717	. LABEL	1	
- 3	2163769	. CARD ASSEMBLY, ADDRESS STROBE	1	
- 4	436559	. SCREW, MACH, PH, 4-40 X 3/4 LG ATT PT	5	
- 5	150209	. WASHER, LOCK, INT TEETH, NO. 4 X 17/64OD ATT PT	5	
- 6	37913	. NUT, HEX, 4-40 ATT PT	5	
- 7	2145077	. SPACER, 0.125 ID 0.250 OD X 0.365 LONG ATT PT	5	
- 8	765665	. . RELAY, 2 POSITION	2	
- 9	765654	. . REED RELAY ASSEMBLY, 1 PCINT, PLUGGABLE	1	
- 10	2111232	. . SEMICONDUCTOR DEVICE, DIODE, TYPE AM	3	
- 11	124589	. . CAPACITOR, 15MFD	1	
- 12	317006	. . RESISTOR, FXD CCMF, 200 OHMS, P/M 5%1/2W	3	
- 13	222084	. . CAPACITOR, 33MFD	1	
- 14	483074	. . TERMINAL, LUG	5	
- 15	483316	. . CONTACT, PLUGGABLE CCMFCNENT	22	
- 16	2163768	. BOARD, CBM	1	
- 17	2101495	. RESISTOR ASSEMBLY, W/LEADS 100 OHMS 2W	7	
- 18	1092019	. . CLIP	2	
- 19	322888	. . RESISTOR, FXD CCMF, 100 OHMS, P/M 5% 2W	1	
- 20	2163765	. CABLE ASSEMBLY, SIOC	1	
- 21	550501	. . RECEPTACLE, TAPER FIN, 22-20 AWG	17	
- 22	186967	. . TERMINAL, SPADE, 20-24 AWG, #6 HOLE, NINS	22	
- 23	128455	. SWITCH, TOGGLE	10	
- 24	179744	. NUT, FLAIN, RD, 15/32-32 X 39/64 DIA ATT PT	10	
- 25	516619	. WASHER, LOCK, EXT TEETH, 0.478ID X 3/4OD ATT PT	10	
- 26	550511	. LAMP, INCANDESCENT, 10V 14 MA	9	
- 27	368168	. CLIP, SPEED	9	
- 28	5115398	. SWITCH, PUSH BUTTON SEDT MICRO	1	
- 29	2161719	. KNOB, ROTARY SWITCH, SINGLE POINTER	2	
- 30	2156799	. SWITCH, RCTARY	1	
- 31	2161725	. TERMINAL, SLIDEE LUG	1	
- 32	2161716	. SWITCH ASSEMBLY, RCTARY, 12 POS SHORTING	1	
- 33	322572	. WASHER, LOCK, INT TEETH, 3/8 X 0.678 OD ATT PT	1	
- 34	2156822	. PANEL, CE TEST SET	1	
- 35	2156808	. CABLE ASSEMBLY, CE CFF, LINE TEST SET	1	
- 36	2122202	. . SOCKET, GUIDE	1	
- 37	2127986	. . SPRING, LOCKING, 26 POS CCONNECTOR	2	
- 38	2122837	. . CCONNECTOR, PLUG, ELECTRICAL, FEMALE	1	
- 39	251570	. . SCREW, MACH, BS H, 4-40 X 0.250 LG ATT PT	1	
- 40	150209	. . WASHER, LOCK, INT TEETH, NO. 4 X 17/64OD ATT PT	1	
- 41	2114985	. . NUT, SELF LKG, HEX, 4-40 X 0.062 THK ATT PT	1	
- 42	2122839	. . CLAMP, STRAIN RELIEF	1	
- 43	37913	. . NUT, HEX, 4-40 ATT PT	2	
- 44	2122259	. . TERMINAL, SOCKET CONTACT, 22-20 AWG	24	
- 45	2122261	. . SOCKET, CONTACT, 18-16 AWG	2	
- 46	334921	. . TERMINAL, RING, 18-22 AWG, #6 HOLE, INS	2	
- 47	550501	. . RECEPTACLE, TAPER FIN, 22-20 AWG	1	
- 48	186967	. . TERMINAL, SPADE, 20-24 AWG, #6 BOLE, NINS	12	
- 49	257479	. GROMMET, PLASTIC, STRAIN RELIEF	1	
- 50	2156824	. CASH, CE OFF LINE TEST SET	1	

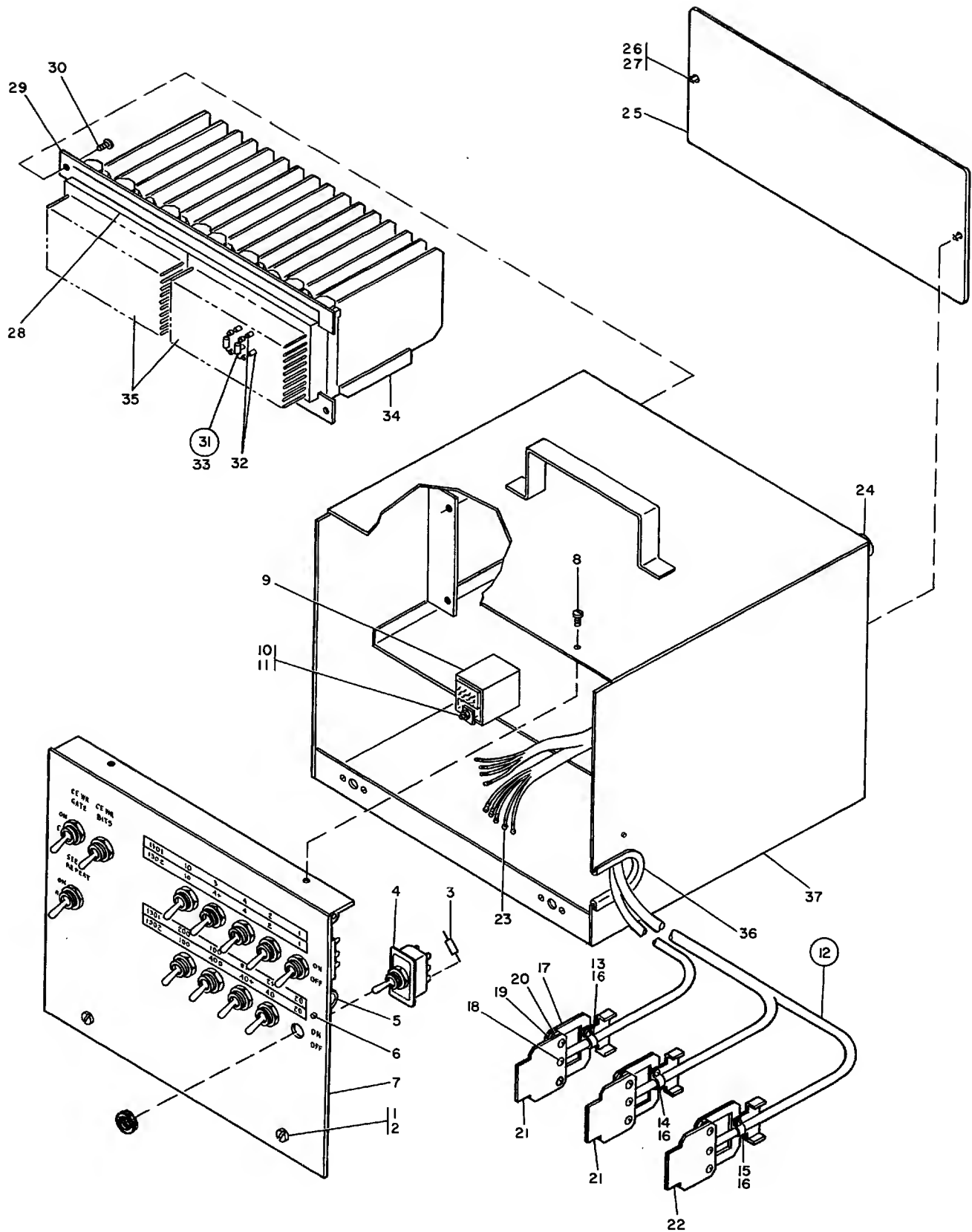


FIGURE 31. C. E. REMOTE BOX ASSEMBLY. SEE LIST 31.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		C. E. REMOTE BOX ASSEMBLY		
31 -	2108788	BOX ASSEMBLY, C.E. REMOTE 1301/2302 SEE FIGURE 31 FOR ILLUSTRATION	1	
- 1	2192885	. BOARD ASSEMBLY	2	
- 2	2109434	. WASHER, STUD RETAINING	2	
- 3	503592	. DIODE	10	
- 4	322310	. SWITCH, TCGGIE, DEDT 250V AC/DC 3 AMP	13	
- 5	534768	. CLAMP, LOCP, 0.380 ID	2	
- 6	58207	. SCREW, MACH, UNDRCT EH, 8-32 X 1/4 LG ATT PT	2	
- 7	2108785	. COVER, PRCNT	1	
- 8	58207	. SCREW, MACH, UNDRCT BH, 8-32 X 1/4 LG ATT PT	2	
- 9	2122194	. RELAY, 12 VOLT, 4PDT	1	
- 10	8506	. NUT, FLAIN, HEX, 3-48 X 3/16 FL W ATT PT	1	
- 11	1091111	. WASHER, LOCK, INT TEETH NC. 3 X 0.225 OD ATT PT	1	
- 12	2108787	. CABLE ASSEMBLY, CE BCX	1	
- 13	2102365	. CLAMP, LOCP, 0.330 ID	1	
- 14	2102364	. . CLAMP, LOCP, 0.220 ID 0.170 DIA MTG HOLE	1	
- 15	2123397	. . CLAMP, CABLE	1	
- 16	10170	. . SCREW, MACH, BH, 6-32 X 1/4 LG ATT PT	3	
- 17	2123282	. . BRACKET	3	
- 18	338238	. . SCREW, MACH, BH, 4-40 NC X 0.3125 LG ATT PT	9	
- 19	216210	. . SPACER, CABLE CONNECTOR	3	
- 20	216209	. . SUPPORT, CABLE CONNECTOR CARD	3	
- 21	491349	. . CARD ASSEMBLY	2	
- 22	595578	. . CARD, CABLE TERMINATOR	1	
- 23	216265	. . TERMINAL, QUICK DISCON, NCN-INS, 20AWG	26	
- 24	198982	. STOP, COVER, RUBBER	4	
- 25	2108783	. COVER, REAR	1	
- 26	2192885	. BOARD ASSEMBLY ATT PT	2	
- 27	2109434	. WASHER, STUD RETAINING ATT PT	2	
- 28	2122204	. STRIP, NUMBER	1	
- 29	2108782	. BAR, RECEPTACLE	2	
- 30	58207	. SCREW, MACH, UNDRCT EH, 8-32 X 1/4 LG ATT PT	4	
- 31	2108781	. RESISTOR ASSEMBLY	2	
- 32	596255	. . TERMINAL, SILE CN, 24-20 AWG	2	
- 33	213693	. . RESISTOR, FXD COEF, 1K, E/M 5% 1/2W	1	
- 34	216085	. GUIDE, CARD, POSITION LONG	2	
- 35	216083	. CARD RECEPTACLE ASSEMBLY	2	
- 36	2111680	. EXTRUSION, RUBBER	1	
- 37	2108786	. BOX, REMOTE CE	1	

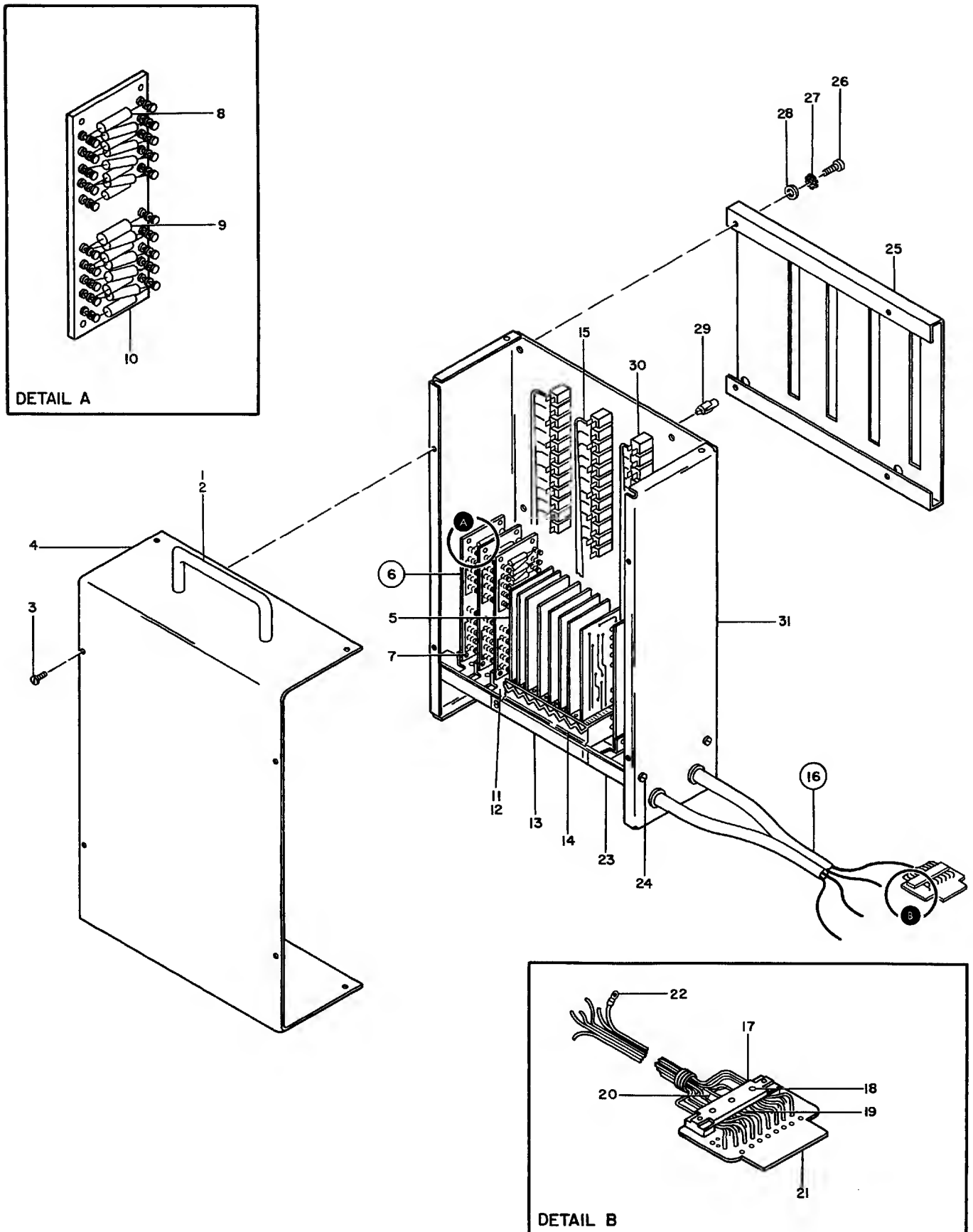


FIGURE 32. C. E. BOX ASSEMBLY. SEE LIST 32.

TCOLS AND TEST

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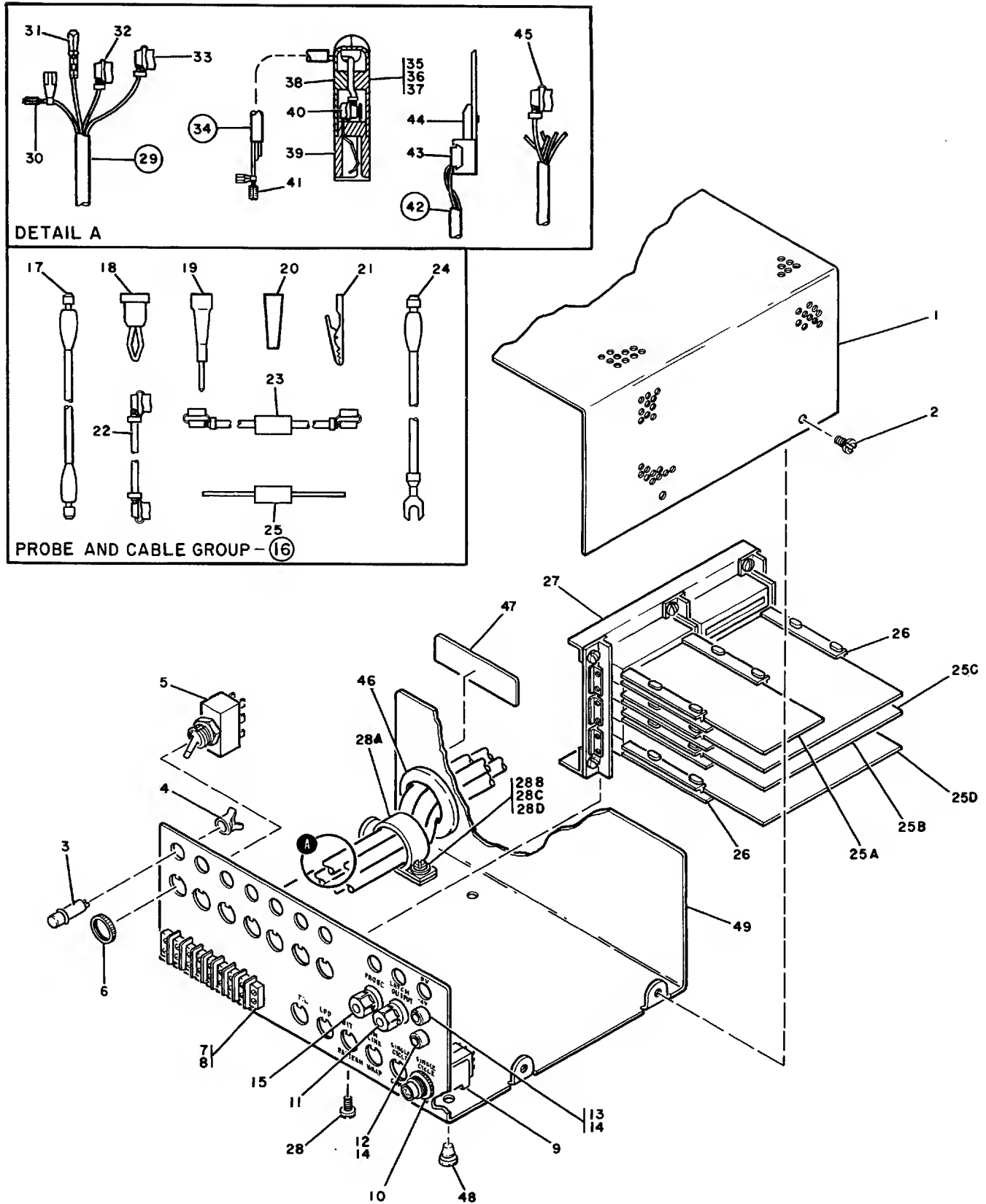


FIGURE 33. 1050 C. E. DIAGNOSTIC BOX ASSEMBLY. SEE LIST 33.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1050 C. E. DIAGNOSTIC BOX ASSEMBLY		
33 -	822781	BOX ASSEMBLY, C.E. DIAGNOSTIC SEE FIGURE 33 FOR ILLUSTRATION	1	
- 1	822779	. COVER	1	
- 2	183900	. SCREW, THD CTG, BH, 8-32 X 1/4 LG	4	
- 3	550511	. LAMP, INCANDESCENT, 10V 14 MA	10	
- 4	368168	. CLIP, SPEED	10	
- 5	734879	. SWITCH, TOGGLE, DEDT,	12	
- 6	216323	. NUT, DRESS, KNURL, 15/32-32 X 41/64 CHR	12	
- 7	521829	. STRIP, BARRIER	1	
- 8	81693	. SCREW, MACH, BH, 6-32 X 3/8 LG	4	
- 9	367182	. SWITCH, PUSH, 2 SFDT 125/25(V AC 5 AMP	1	
- 10	216323	. NUT, DRESS, KNURL, 15/32-32 X 41/64 CHR	1	
- 11	331065	. POST, BINDING	1	
- 12	602628	. JACK, NYLON TIP, BLACK	1	
- 13	602626	. JACK, NYLON TIP, WHITE	1	
- 14	117386	. NUT, PLAIN, HEX, 1/4-32 X 7/16 FL W	2	
- 15	320570	. POST, BINDING, BLACK	1	
- 16	822813 NP	. PROBE AND CABLE GROUP		
- 17	451656	. . LEAD ASSEMBLY, TEST	1	
- 18	451659	. . TIP, BANANA	2	
- 19	453026	. . TIP, TEST PROBE	1	
- 20	461119	. . TIP, PROBE	6	
- 21	461159	. . CLIP	1	
- 22	725937	. . JUMPER ASSEMBLY, BLUE	3	
- 23	822751	. . RESISTOR ASSEMBLY, 8.2K, 1/2W	2	
- 24	822752	. . LEAD ASSEMBLY, TEST	5	
- 25	822884	. . DIODE ASSEMBLY	1	
- 25A	374626	. CARD ASSEMBLY	1	
- 25B	374201	. CARD ASSEMBLY	1	
- 25C	374204	. CARD ASSEMBLY	1	
- 25D	374202	. CARD ASSEMBLY	1	
- 26	216206	. GUIDE, SINGLE CARD LONG	9	
- 27	822785	. RECEPTACLE ASSEMBLY	1	
- 28	58207	. SCREW, MACH, UNFCT BH, 8-32 X 1/4 LG	2	
- 28A	313745	. CLAMP, LOCK, 1 ID 0.204 DIA MTG HOLE	1	
- 28B	11598	. NUT, PLAIN, HEX, 10-32 X 3/8 FL W	1	
- 28C	55901	. WASHER, LOCK, EXT TEETH, KC.8 X 0.3810D	1	
- 28D	45690	. WASHER, FL, KC.10 X 7/16 OD X 1/32 THK	1	
- 29	822742	. CABLE ASSEMBLY, INT. ANALYZER	1	
- 30	209486	. . TERMINAL	37	
- 31	550501	. . RECEPTACLE, TAPE PIN, 22-20 AWG	20	
- 32	551047	. . TERMINAL, SLIP CN, 18-16 AWG	1	
- 33	596255	. . TERMINAL, SLIP ON, 24-20 AWG	38	
- 34	822743	. CABLE ASSEMBLY, NO. 1 ANALYZER	1	
- 34	822744	. CABLE ASSEMBLY, NO. 2 ANALYZER	1	
- 35	737914	. . STRAIN RELIEF, CABLE TO CARD-HALF LH	1	
- 36	38264	. . SCREW, MACH, FILL H, 4-40 X 3/8 LG	2	
- 37	37913	. . NUT, HEX, 4-40	2	
- 38	737915	. . STRAIN RELIEF, CABLE TO CARD-HALF RH	1	
- 39	737916	. . CONNECTOR ASM, RECP-CABLE TC CARD	1	
- 40	596255	. . TERMINAL, SLIP CN, 24-20 AWG	AR	
- 41	209486	. . TERMINAL	AR	
- 42	822745	. CABLE ASM, NO. 3 ANALYZER	1	
- 42	822746	. CABLE ASM, NO. 4 ANALYZER	1	
- 42	822747	. CABLE ASM, NO. 5 ANALYZER	1	
- 43	216300	. . PLUG, STRAIN RELIEF	1	
- 44	216304	. . STRAIN RELIEF	1	
- 45	596255	. . TERMINAL, SLIP CN, 24-20 AWG	AR	
- 46	198981	. GROMMET, RUBBER	1	
- 47	180528	. PLATE, IDENTIFICATION, SERIAL NUMBER	1	
- 48	1070160	. STOP	4	
- 49	822780	. BASE	1	

TOOLS AND TEST

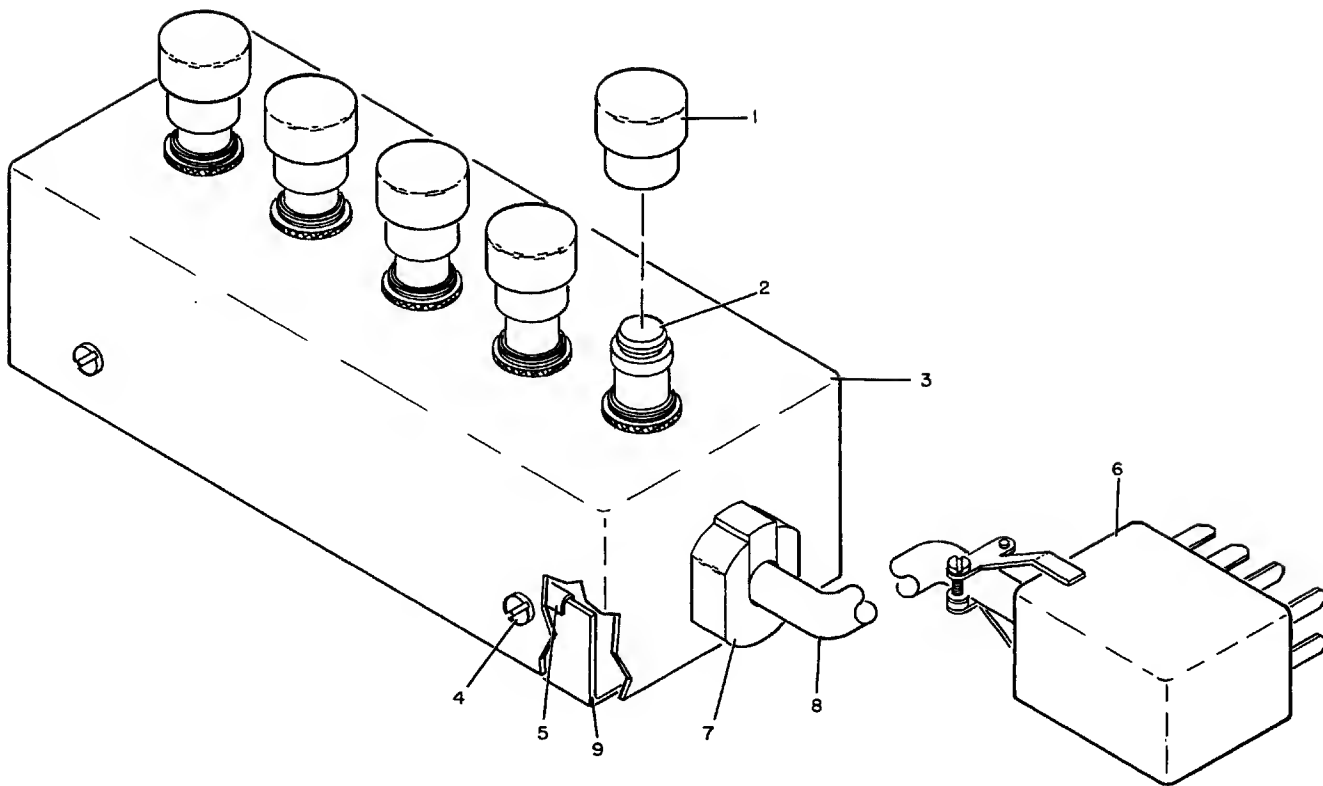


FIGURE 34. 305 SYNC PANEL REMOTE BOX ASSEMBLY. SEE LIST 34.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		305 SYNC PANEL REMOTE BOX ASSEMBLY		
34 -	21C0937	BOX ASM.-305 SYNC PANEL REMOTE CONTROL	1	
- 1	189138	SEE FIGURE 34 FOR ILLUSTRATION		
- 2	189136	. KNOB, SWITCH BLACK	5	
- 3	2114388	. SWITCH, PUSH, NO, 125VAC 1 AMP	5	
- 4	801391	. COVER, CONTROL BOX	1	
- 5	21C9834	. SCREW, MACH, RH, 6-32 X 1/2 LG ATT PT	4	
- 6	355553	. CLIP, SPRING, U-TYPE ATT PT	4	
- 7	1C7611	. PLUG	1	
- 8	2100317	. BUSHING	1	
- 9	2114389	. CABLE	1	
		. BASE, CONTROL BOX	1	

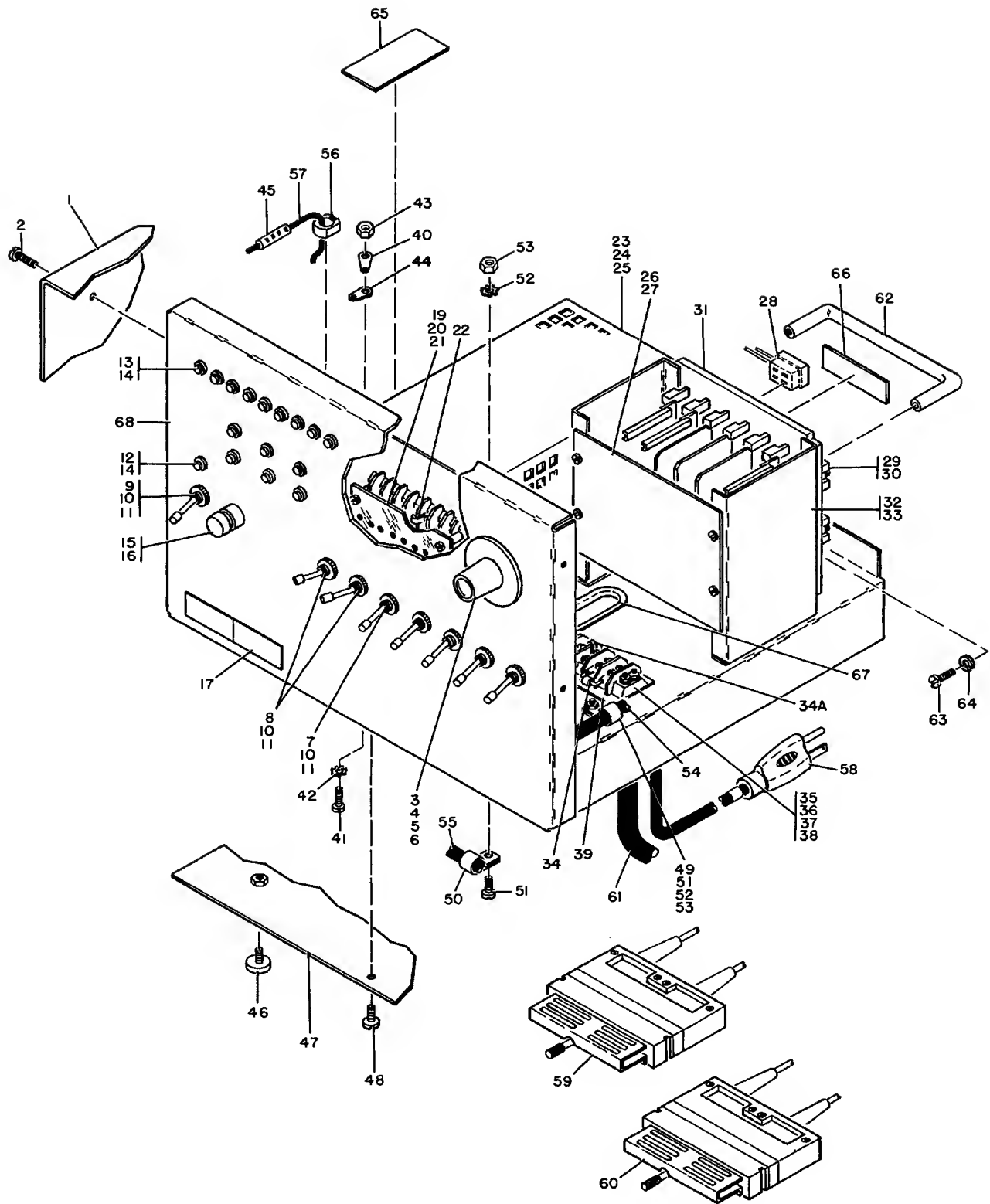


FIGURE 35. MANUAL INTERFACE TESTER (MIT). SEE LIST 35.

TCOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		MANUAL INTEREACE TESTER (MIT)		
35 -	453670	MANUAL INTEREACE TESTER (MIT) SEE FIGURE 35 FOR ILLUSTRATION	1	
- 1	5495041	. COVER	1	
- 2	1C170	. SCREW,MACH-BIND HD 6-32 X 1/4 LG	6	
- 3	847110	. KNOB	2	
- 4	824483	. SWITCH	2	
- 5	824486	. NUT,HEX- .375-32	4	
- 6	322572	. WASHER,LOCK- 3/8 X 0.678 CD	4	
- 7	725347	. SWITCH,TOGGLE SPDT	5	
- 8	725348	. SWITCH,TOGGLE DPDT	2	
- 9	5500777	. SWITCH,TOGGLE	1	
- 10	216323	. NUT,DRESS,KHURT-15/32-32 X 41/64 CHROME	8	
- 11	159373	. WASHER,LOCK-15/32 ID X 3/4 CD	8	
- 12	5353890	. LAMP,INDICATOR	1	
- 13	5353889	. LAMP,INDICATOR	15	
- 14	5353887	. HOLDER	16	
- 15	111264	. FUSE- 3/4A	1	
- 16	179946	. HOLDER,FUSE	1	
- 17	5495138	. NAMEPLATE	1	
- 19	5500788	. SHIELD	1	
- 20	10170	. SCREW,MACH-BIND HD 6-32 X 1/4 LG	1	
- 21	210883	. STUD-SHIELD MTG,TAPPED,NO. 6-32	1	
- 22	367115	. JUMPER	1	
- 23	5495049	. SUPPLY,POWER	1	
- 24	1E6759	. SCREW,MACH-BIND HD 8-32 X 5/16 LG	4	
- 25	60646	. WASHER,LOCK-INT T. NO.8	4	
- 26	5495043	. RETAINER,CARD	1	
- 27	10170	. SCREW,MACH-BIND HD 6-32 X 1/4 LG	4	
- 28	5495045	. CROSSOVER,VOLTAGE SLT	1	
- 29	813179	. CLAMP	4	
- 30	2123354	. SCREW	4	
- 31	5495039	. BOARD,SLT	1	
- 32	5495042	. BRACKET	2	
- 33	10170	. SCREW,MACH-BIND HD 6-32 X 1/4 LG	4	
- 34	5495141	. RESISTOR,JUMPER	1	
- 34a	367115	. JUMPER	1	
- 35	317485	. BLOCK,TERM	1	
- 36	322065	. SCREW,MACH-BIND HD 6-32 X 5/8 LG	4	
- 37	56722	. WASHER,LOCK-EXT TEETH NC.6	4	
- 38	257187	. NUT,PLAIN,HEX- 6-32	4	
- 39	527916	. STRIP,MARKER	1	
- 40	2248047	. TERMINAL	1	
- 41	25627	. SCREW-BD. ED 8-32 X .500 LG	1	
- 42	55901	. LOCKWASHER-NC. 8 X 0.381CD .168ID .023	1	
- 43	257189	. NUT,HEX- 8-32	1	
- 44	4E3681	. TERMINAL	1	
- 45	602603	. SPLICE,WIRE	1	
- 46	95834	. FOOT	1	
- 47	5495044	. COVER,BOTTOM	1	
- 48	10170	. SCREW,MACH-BIND HD 6-32 X 1/4 LG	2	
- 49	804109	. CLAMP,CABLE	1	
- 50	101922	. CLAMP,CABLE	1	
- 51	25627	. SCREW-BD HD 8-32 X .500 LG	2	
- 52	55901	. WASHER,LOCK-NO.8 X 0.381CD .168ID .023	2	
- 53	257189	. NUT,HEX- 8-32	2	
- 54	5495046	. CABLE	1	
- 55	5495047	. CABLE	1	
- 56	1138167	. BUSHING,STRAIN RELIEF	1	
- 57	5442687	. POWER CORD ASM	1	
- 58	5442687	. POWER CORD ASM	1	
- 59	5440650	. CONNECTOR ASSEMBLY	1	
- 60	5440649	. CONNECTOR ASSEMBLY	1	
- 61	5495047	. CABLE	1	
- 62	438267	. HANDLE	1	
- 63	75449	. SCREW,CAP,SOC HD- 10-32 X 3/8 LG	2	
- 64	9092	. WASHER,LOCK- .194 ID .337 CD	2	
- 65	369207	. LABEL	1	
- 66	5162745	. TAG,VOLTAGE	1	
- 67	5495140	. GRCMMET	1	
- 68	5495040	. WELD,CHASSIS	1	

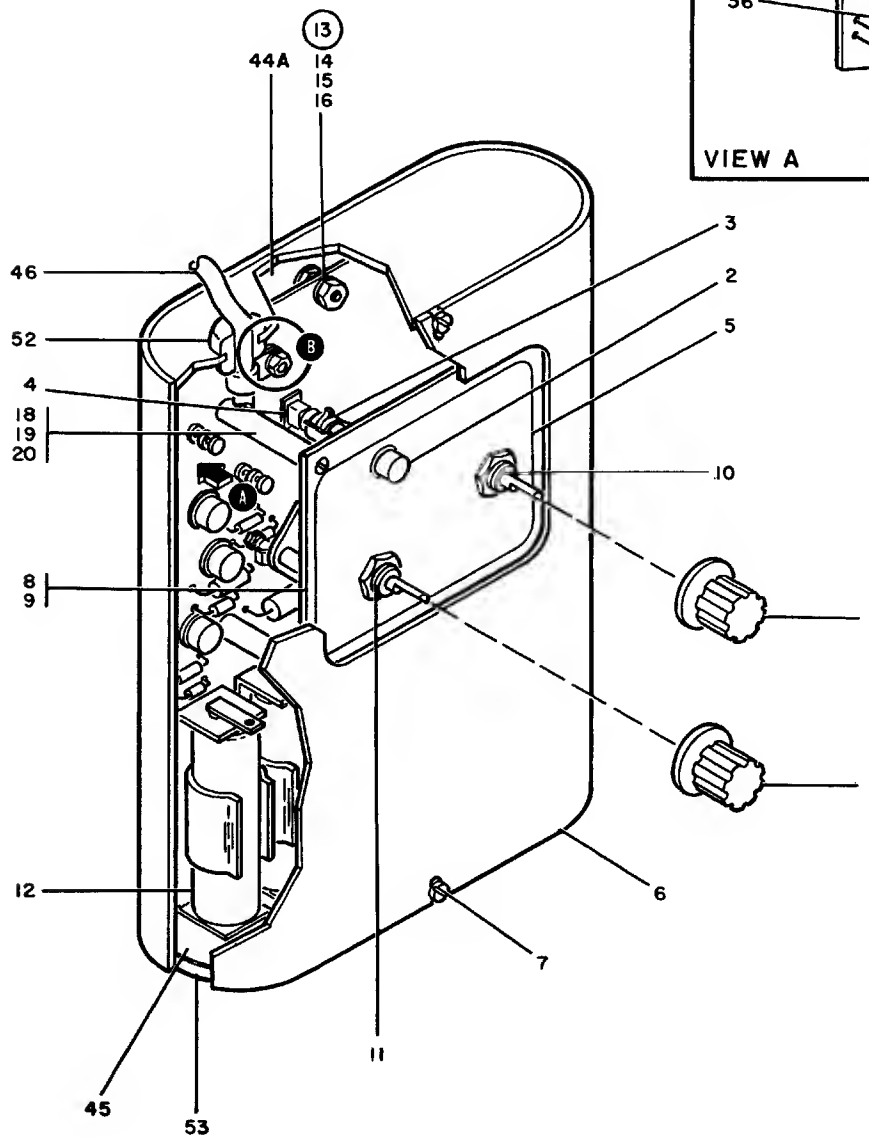
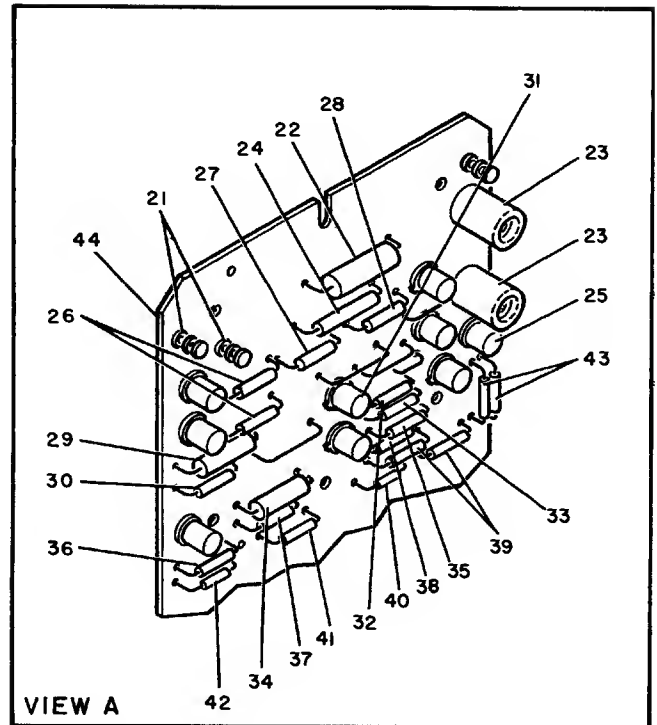
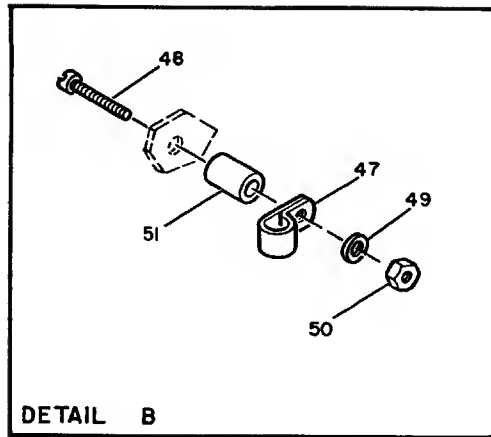


FIGURE 36. MARGINAL CHECK CONTROL UNIT ASSEMBLY. SEE LIST 36.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		MARGINAL CHECK CONTROL UNIT ASSEMBLY		
36 -	5712439	MARGINAL CHECK CONTROL UNIT ASSEMBLY SEE FIGURE 36 FOR ILLUSTRATION	1	
- 1	5712451	. KNOB	2	
- 2	5712461	. LAMP, INCANDESCENT, CLEAR, 14MA 10V	1	
- 3	368168	. CLIP, SPEED	1	
- 4	165666	. CONNECTOR, LAMP, 2 PIN	1	
- 5	5712445	. NAMEPLATE	1	
- 6	5712441	. COVER	1	
- 7	91373	. SCREW, MACH, BH 3-48 X 0.250 LG ATT PT	2	
- 8	5712442	. PANEL, CONTROL	1	
- 9	52522	. SCREW, MACH, PH, 4-40 X 5/16 LG ATT PT	4	
- 10	5712452	. RESISTOR, VAR, 2.5K CHMS E/P 20% 1/2W	1	
- 11	5712454	. SWITCH, RECTARY, ACKSHCRT, 3-POLE, 3-POS	1	
- 12	5712455	. BATTERY, 4.2V	5	
- 13	5712469	. CARD ASSEMBLY, COMPLEMENT	1	
- 14	322065	. SCREW, MACH, BH, 6-32 X 5/8 LG ATT PT	2	
- 15	257966	. WASHER, FLAT, NC. 6 X 0.312 OD ATT PT	4	
- 16	38051	. NUT, PLAIN, HEX, 6-32 X 1/4 FL W ATT PT	6	
- 18	338238	. SCREW, MACH, BH, 4-40 NC X 0.3125 LG ATT PT	4	
- 19	257965	. WASHER, FL NC.4 X 0.250 OD X 0.028 THK ATT PT	4	
- 20	5712443	. SPACER, 0.375 ID X 1/4 OD X 1.06 LG ATT PT	4	
- 21	317142	. . TERMINAL, STUD, NONINSULATED LEL TURRET	3	
- 22	521737	. . CAPACITOR, ALUM, ELEC 50MFD 12V	1	
- 23	5712453	. . RESISTOR, VARIABLE, 2.5K E/M 20% 1/4W	2	
- 24	217074	. . CAPACITOR, FILM, 0.056MFD 100VDC	1	
- 25	318324	. . TRANSISTOR, TYPE 033	8	
- 26	321271	. . RESISTOR, FXD CCME, 10 CHMS, P/M 5% 1/2W	2	
- 27	213536	. . RESISTOR, 100 CHMS, 1/2W	1	
- 28	317023	. . RESISTOR, FXD CCME, 4.3K, P/M 5% 1/2W	1	
- 29	451278	. . RESISTOR, FIXED, CCME, 27 OHM 5% 1W	1	
- 30	317028	. . RESISTOR, FXD CCME, 18K, E/M 5% 1/2W	1	
- 31	2414977	. . TRANSISTOR	1	
- 32	317276	. . RESISTOR, FXD CCME, 1.2K E/M 5% 1/2W	1	
- 33	55002C	. . RESISTOR, FIXED, CCME, 1K 1% 1/8W	1	
- 34	528946	. . RESISTOR, FILM, 1050 CHMS P/M 1% 1/4W	1	
- 35	452493	. . RESISTOR, FILM, 1.78K OHMS E/M 1% 1/8W	1	
- 36	452465	. . RESISTOR, FILM, 499 OHMS E/M 1% 1/8W	1	
- 37	213693	. . RESISTOR, FXD CCME, 1K, P/M 5% 1/2W	1	
- 38	317021	. . RESISTOR, FXD CCME, 2.7K, P/M 5% 1/2W	1	
- 39	479125	. . RESISTOR, FXD FILM, 2.8K, P/M 1% 1/8W	2	
- 40	369679	. . DIODE, SEMICONDUCTOR, ZENER, TYPE GA	1	
- 41	479087	. . RESISTOR, FXD FILM, 549 CHMS, P/M 1% 1/8W	1	
- 42	369611	. . DIODE, SEMICONDUCTOR-ZENER, TYPE DY	1	
- 43	31702C	. . RESISTOR, FXD CCME, 2.2K, P/M 5% 1/2W	2	
- 44	5709247	. . CARD	1	
- 44A	5712446	. INSULATION	1	
- 45	5712447	. INSULATION, BATTERY	1	
- 46	5712456	. CORD AND PLUG	1	
- 47	5213276	. CLAMP, CABLE	1	
- 48	322551	. SCREW, MACH, BH, 6-32X3/4 LG ATT PT	1	
- 49	257986	. WASHER, FLAT, NC. 6 X 0.312 OD ATT PT	1	
- 50	38051	. NUT, PLAIN, HEX, 6-32 X 1/4 FL W ATT PT	1	
- 51	1091434	. SLEEVE, 5/32 ID X 9/32 OD X 5/16 THK	1	
- 52	5712463	. GRCMMET	1	
- 53	5712440	. CASE	1	

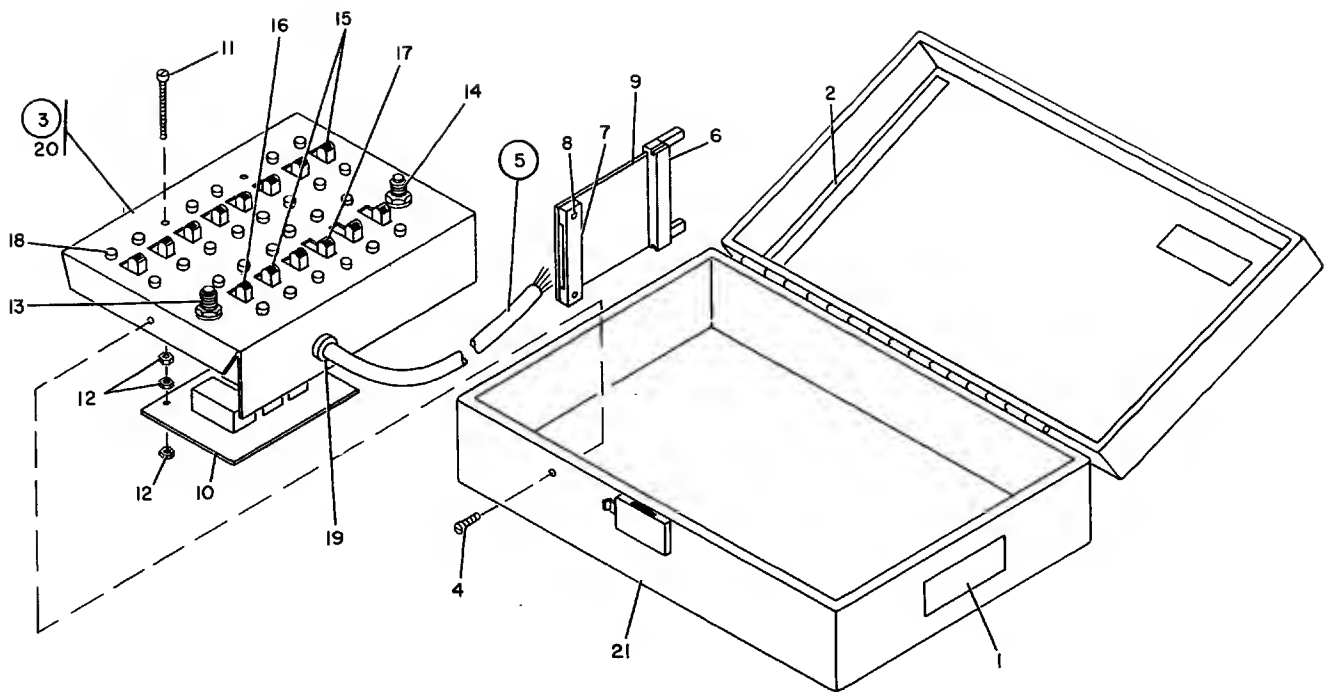


FIGURE 37. 44RK CE CONTROL BOX ASSEMBLY. SEE LIST 37.

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		44RK CE CONTROL BOX ASSEMBLY		
37 -	2200054	BOX ASM, 44RK CE CONTROL SEE FIGURE 37 FOR ILLUSTRATION	1	
- 1	2156260	. TAG, SERIAL	1	
- 2	2219090	. DECAL, ADDRESS WARNING	1	
- 3	2156230	. PANEL ASSEMBLY, 44 RK, CE CONTROL	1	
- 4	322550	. SCREW, MACH, BH, 6-32 X 1/2 LG ATT PT	2	
- 5	2156236	. . CABLE ASSEMBLY	1	
- 6	811804	. . . GUIDE, CARD	1	
- 7	2180973	. . . CLAMP, SLT CARD	4	
- 8	2204180	. . . RIVET ATT PT	4	
- 9	2156239	. . . CONNECTOR, CARD	1	
- 10	2156238	. . . CARD	1	
- 11	438556	. . SCREW, MACH, UNDRCT BH, 4-40 X 1-1/2 ATT PT	2	
- 12	37913	. . NUT, HEX, 4-40 ATT PT	6	
- 13	2156235	. . SWITCH, PUSH BUTTON, SPST	1	
- 14	2156234	. . SWITCH, PUSH BUTTON, SPST, NORM OPEN	1	
- 15	2156231	. . SWITCH, SLIDE, SEST	9	
- 16	2156232	. . SWITCH, SLIDE, DEDT	2	
- 17	2156233	. . SWITCH, SLIDE, DEDT	3	
- 18	612781	. . RIVET, SOLID, 0.124 DIA X 0.140 IN. LG ATT PT	26	
- 19	1138167	. . BUSHING, STAIN RELIEF	1	
- 20	2156228	. . PANEL	1	
- 21	2156229	. . BOX	1	

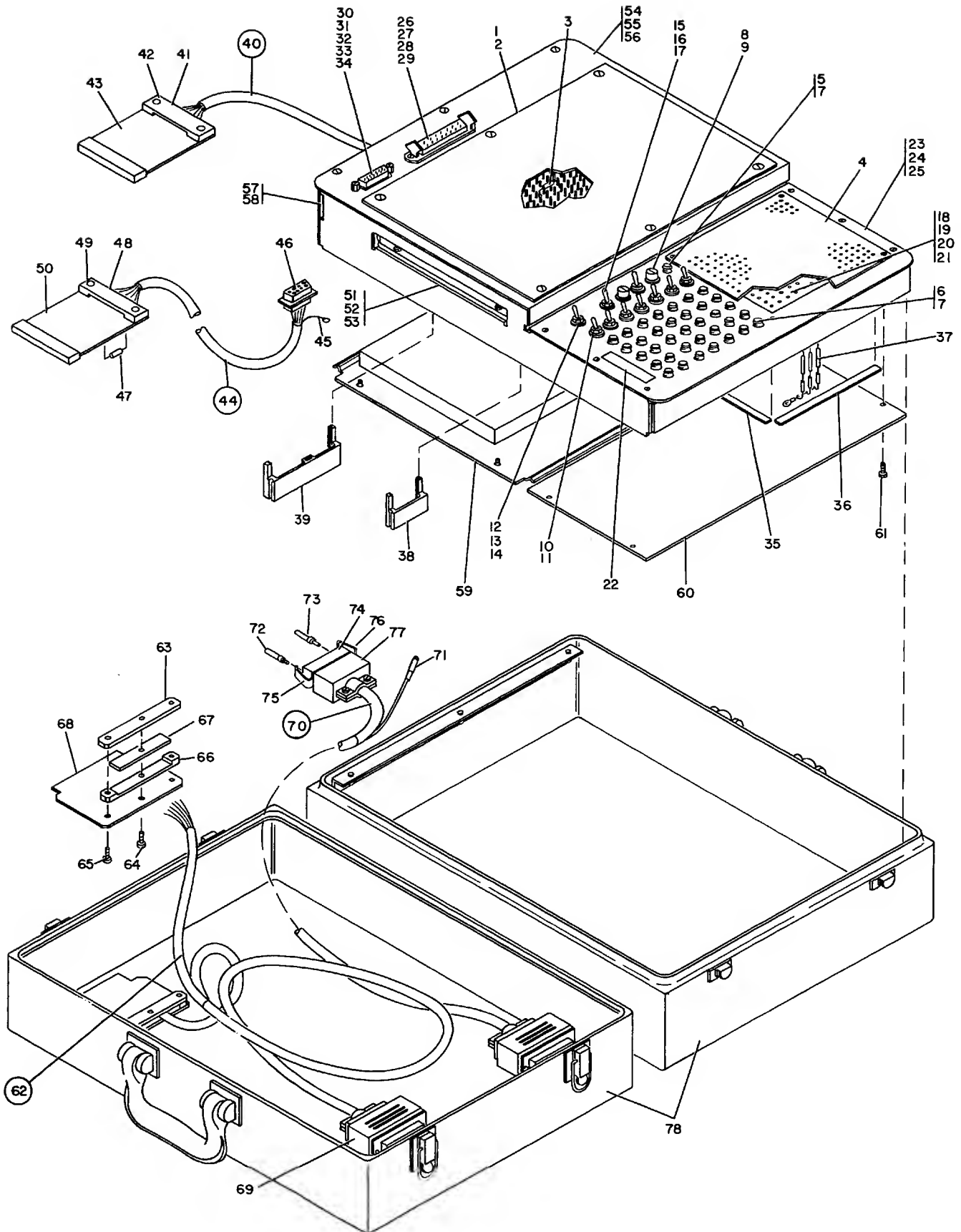


FIGURE 38. UNIVERSAL TELEPROCESSING TESTER ASSEMBLY. SEE LIST 38.

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		1 2 3 4		
		UNIVERSAL TELEPROCESSING TESTER ASSEMBLY		
38 -	453611	tester ASSEMBLY, UNIVERSAL TELEPROCESSING SEE FIGURE 38 FOR ILLUSTRATION	G 1	
- 1	5442731	. COVER	1	
- 2	10170	. SCREW, MACH, BH, 6-32 X 1/4 LG	6	
- 3	5442798	. CAPACITOR ASSEMBLY	1	
- 4	5442726	. PLATE	1	
- 5	5362323	. INDICATOR ASSEMBLY, RED	1	
- 6	5362325	. INDICATOR ASSEMBLY, CLEAR	35	
- 7	5353887	. HOUSING, LAMP	36	
- 8	5442736	. SWITCH	2	
- 9	5442805	. NUT	2	
- 10	9900432	. SWITCH	8	
- 11	5442809	. NUT	8	
- 12	5442807	. CAP	1	
- 13	5442735	. SWITCH	1	
- 14	5442805	. NUT	1	
- 15	5442808	. CAP	1	
- 16	5442735	. SWITCH	1	
- 17	5442734	. NUT	1	
- 18	5442727	. PLUGBOARD	1	
- 19	322552	. SCREW, MACH, BH, 6-32 X 7/8 LG	4	
- 20	257586	. WASHER, FLAT, NC. 6 X 0.312 OD	4	
- 21	344015	. NUT, SELF LKG, HEX, 6-32 X 5/16 FL W	4	
- 22	5442745	. NAMEPLATE	1	
- 23	5442765	. PANEL	1	
- 24	81693	. SCREW, MACH, BH, 6-32 X 3/8 LG	6	
- 25	344015	. NUT, SELF LKG, HEX, 6-32 X 5/16 FL W	6	
- 26	5708684	. CONNECTOR	1	
- 27	51373	. SCREW, MACH, BH 3-48 X 0.250 LG	2	
- 28	37066	. WASHER, LOCK, SPLIT, NC. 3 X 0.212 OD	2	
- 29	8506	. NUT, FLAIN, HEX, 3-48 X 3/16 FL W	2	
- 30	385951	. CONNECTOR	1	
- 31	5302396	. SHAFT, JACK, 4-40	2	
- 32	1127741	. SPACER, 0.116 ID X 3/16 CD X 1/32 THK	2	
- 33	257584	. WASHER, LOCK, SPLIT, 1/8 ID X 13/64 OD	2	
- 34	37913	. NUT, HEX, 4-40	2	
- 35	5442723	. STRIP, MARKER	1	
- 36	5442725	. STRIP, MARKER	1	
- 37	5442737	. BUS ASSEMBLY, DTCDE	15	
- 38	811802	. GUIDE, CARD	10	
- 39	811804	. GUIDE, CARD	18	
- 40	5442751	. CABLE ASM, SWITCHES TO 01A-A1 POS A5	1	
- 40	5442753	. CABLE ASM, PLUG BOARD TO C1A-A1 POS N4	1	
- 40	5442752	. CABLE ASM, PLUG BOARD TO C1A-A1 POS N3	1	
- 40	5442750	. CABLE ASM, INDICATORS TO 01A-A1 POS A6	1	
- 40	5442748	. CABLE ASM, T5, T6 TO J1 INTERFACE	1	
- 40	5442747	. CABLE ASM, PLUG BOARD TO C1A-A1 POS T3	1	
- 40	5442746	. CABLE ASM, PLUG BOARD TO C1A-A1 POS T2	1	
- 40	5442744	. CABLE ASM, PLUGBOARD TO 01A-A1 POS T1	1	
- 40	5442742	. CABLE ASM, INDICATORS TO C1A-A1 POS A7	1	
- 40	5442743	. CABLE ASM, PLUGBOARD TO 01A-A1 POS A4	1	
- 41	5275481	. . STRAIN RELIEF	1	
- 42	5275486	. . RIVET	1	
- 43	5800634	. . CARD ASSEMBLY	1	
- 44	5442749	. CABLE ASM, 01A-A1 POS T7 TO POS J2	1	
- 45	804715	. . TERMINAL, IUG, INS, 18/22AWG NO.4 MTG HOLE	1	
- 46	5495085	. CONNECTOR, MINATURE, FEMALE	1	
- 47	216482	. . RESISTOR, FXD, 39K, 1/4W	1	
- 48	5275481	. . STRAIN RELIEF	1	
- 49	5275486	. . RIVET	2	
- 50	5800634	. . CARD ASSEMBLY	1	

TOOLS AND TEST

LIST AND INDEX NUMBER	PART NUMBER	DESCRIPTION	UNITS PER ASM.	USABLE ON CODE
		NEW SELECTRIC TESTER (NEST)		
46 -	453596	NEW SELECTRIC TESTER-NEST	1	
- 1	5495038	SEE FIGURE 46 FOR ILLUSTRATION		
- 2	NO NO.	CABLE ASSEMBLY, INTERFACE	1	
- 3	NO NO.	MAT. MANUAL FORM NO. FEMM Y27-0089-0	1	
- 4	5495301	LABEL, VOLTAGE	1	
- 5	32042	PANEL ASM	1	
- 6	5495315	SCREW, MACH, BH, 10-32 X 3/8 LG	6	
- 7	32042	COVER ASSEMBLY	1	
- 8	5495318	SCREW, MACH, BH, 10-32 X 3/8 LG	6	
- 9	5495378	NAMEPLATE	1	
- 10	25197C	PLATE	1	
- 11	5495321	SCREW, MACH, BS H, 4-40 X 0.250 LG	2	
- 12	107611	CABLE	1	
- 13	463677	BUSHING	1	
- 14	81693	TERMINAL, RING, 18 TO 20 AWG	1	
- 15	62031	SCREW, MACH, BH, 6-32 X 3/8 LG	1	
- 16	46662E	WASHER, LOCK, INT TEETH, NO.6 X 0.295 OD	1	
- 17	33262C	RECEPTACLE	1	
- 18	9092	SCREW, MACH, BH 10-32 X 1/2 LG	2	
- 19	11598	WASHER, LOCK, SPLIT RING, 0.194 ID 0.337 O	2	
- 20	338165	NUT, FLAIN, HEX, 10-32 X 3/8 FL W	2	
- 21	303549	FUSE	1	
- 22	76521	FUSE, CARTRIDGE, SLOW BLOW, 250V 1A	1	
- 23	2122254	FUSE POST	2	
- 24	2122203	BLOCK, FEMALE, 20 POSITION	1	
- 25	2122202	PIN, GUIDE, BRASS, SUPPLIED W/HARDWARE	1	
- 26	2127985	SOCKET, GUIDE	1	
- 27	2122472	CATCH, LOCKING	2	
- 28	2122734	CONNECTOR, 50 PLACE FEMALE	1	
- 29	2122735	PIN, GUIDE, CORNER, 34 AND 50 POS CONN	2	
- 30	2127989	SOCKET, GUIDE, CORNER, 34 & 50 POS CONN	2	
- 31	1160577	CATCH, LOCKING SPRING	1	
- 32	251283	CONNECTOR	2	
- 33	5495331	SCREW, MACH, EII H, 4-40 X 3/4 LG	1	
- 34	338238	BLOCK	2	
- 35	257985	SCREW, MACH, BH, 4-40 NC X 0.3125 LG	2	
- 36	257984	WASHER, FI NO.4 X 0.250 OD X 0.028 THK	2	
- 37	734879	WASHER, LOCK, SPLIT, 1/8 ID X 13/64 OD	2	
- 38	835273	SWITCH, TOGGLE, DEDT,	1	
- 39	216323	SWITCH, POWER	3	
- 40	159373	NUT, DRESS, KNURL, 15/32-32 X 41/64 CHR	3	
- 41	5376712	WASHER, LOCK, EXT TEETH, 15/32 ID X 3/4 OD	2	
- 42	5362323	INDICATOR ASSEMBLY, WHITE, 24V	5	
- 43	5362324	INDICATOR ASSEMBLY, RED	6	
- 44	5353888	INDICATOR ASSEMBLY, AMBER 10V	13	
- 45	5495327	HOUSING, INDICATOR	2	
- 46	5495383	KNOB	1	
- 47	5495306	SWITCH	4	
- 48	5495336	TEST JACK	3	
- 49	5442805	SWITCH	3	
- 50	5495326	NUT	3	
- 51	5495338	KNOB	1	
- 52	5495334	SWITCH	1	
- 53	5495333	POTENTIOMETER	1	

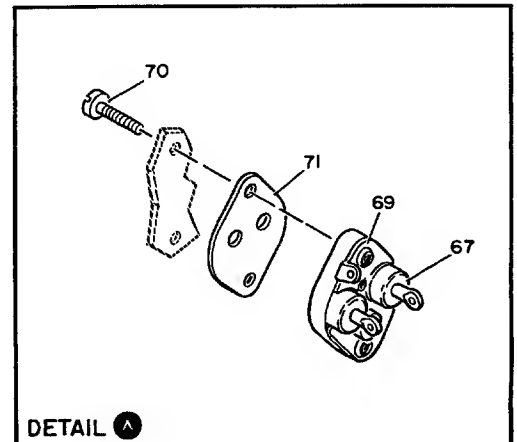
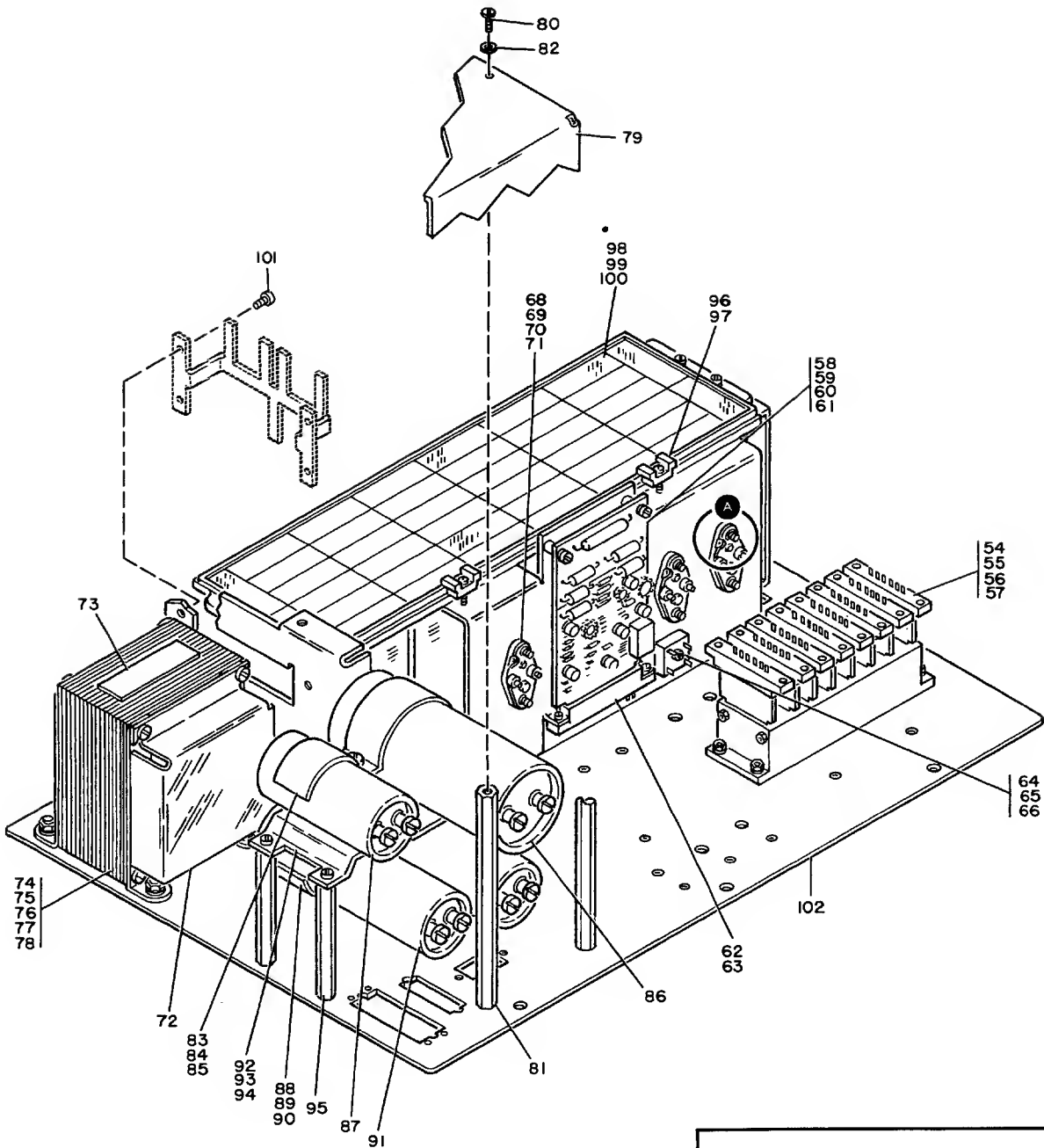


FIGURE 46. NEW SELECTRIC TESTER (NEST). SHEET 2 OF 2. INDEX NOS. 54-102. SEE LIST 46.

TCOLS AND TEST

[illegible]

NUMERICAL INDEX

PART NO.	LIST AND INDEX NO.	PART NO.	LIST AND INDEX NO.	PART NO.	LIST AND INDEX NO.	PART NO.	LIST AND INDEX NO.
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	23 - 17		17 - 79		36 - 50	56079	6 - 26
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	17 - 47		23 - 35	38235	3 - 20		17 - 92
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641	46 - 89		33 - 28B		4 - 20		23 - 11
845	26 - 100		46 - 19		4 - 72		23 - 36
1413	1 - 16		46 - 78		5 - 52		26 - 96
1668	1 - 7	11891	4 - 50		12 - 36		32 - 27
1942	3 - 34		4 - 57		12 - 39		46 - 77
2118	1 - 9	18491	1 - 23		12 - 60	56121	4 - 8
3550	29 - 61	18735	12 - 55		12 - 66		28 - 3
	29 - 61	19944	39 - 51		17 - 12	56722	5 - 42
3960	29 - 61	22478	5 - 24		23 - 32		12 - 37
5528	3 - 39		22 - 27		30 - 1		12 - 40
6318	3 - 40		29 - 29		45 - 3		12 - 53
6325	1 - 28		39 - 17	38263	21A- 68		12 - 61
6364	3 - 44	23096	29 - 15	38264	16 - 36		12 - 67
	3 - 49	24588	22 - 62		19 - 15		15 - 6
	3 - 53		22 - 69		33 - 36		17 - 13
	3 - 57	25282	22 - 12	38266	44 - 8		17 - 77
	22 - 30	25627	22 - 37		44 - 16		21A- 10
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	39 - 27		39 - 64		21A- 20		24 - 48
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	46 - 94		17 - 60		21 - 61		42 - 31
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8235	4 - 66		6 - 25		46 - 97	58207	4 - 30
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	38 - 58		41 - 9A	55901	6 - 9		45 - 6
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	39 - 24		44 - 9		6 - 29		46 - 15
	39 - 68		44 - 17		12 - 45	67873	26 - 20
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	45 - 30		45 - 67		23 - 47		20 - 41
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TOOLS AND TEST

PART NO.	LIST AND INDEX NO.	PART NO.	LIST AND INDEX NO.	PART NO.	LIST AND INDEX NO.	PART NO.	LIST AND INDEX NO.
75449	35 - 63	129242	42 - 22	186759-CONT	29 - 5	210866	3 - 55
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